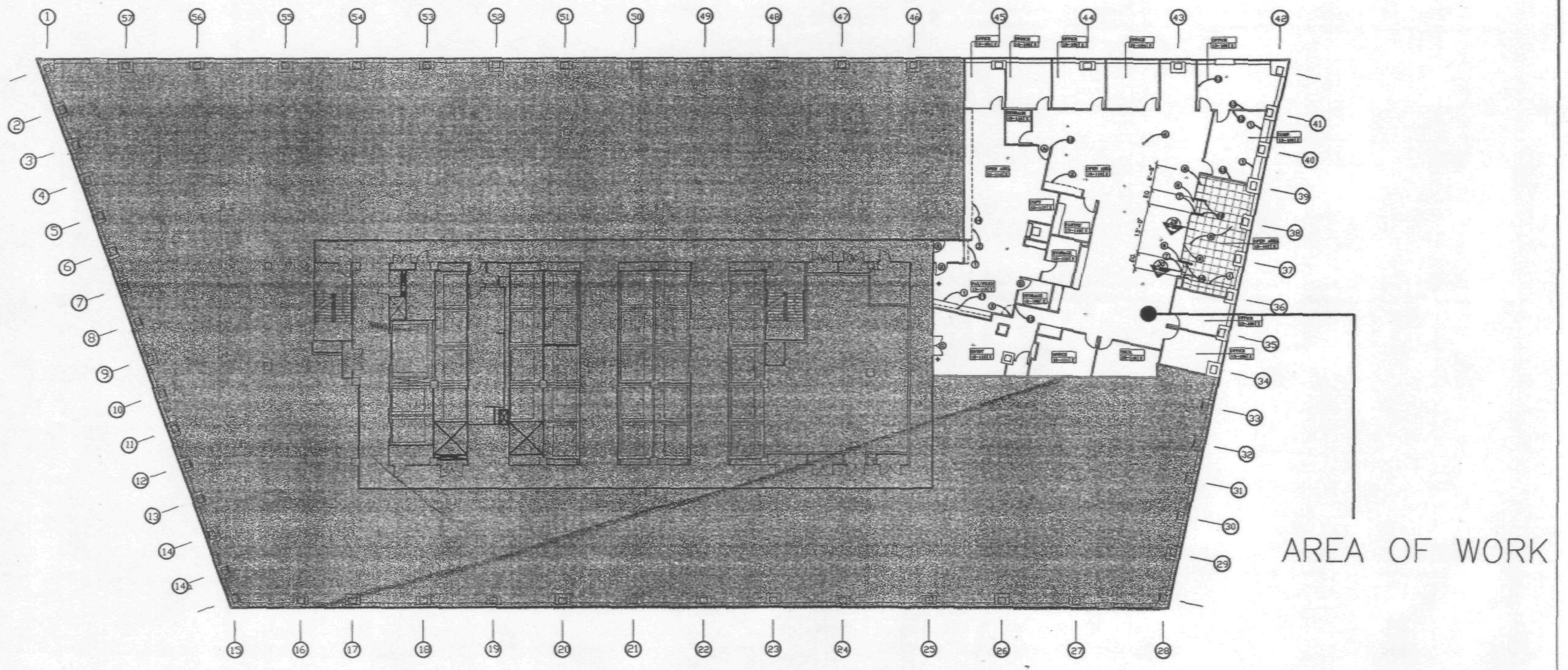
ALTERATIONS FOR 13TH FLOOR

ABBREVIATIONS

NOMENCLATURE	ABBREVIATION
A	
ABOVE FINISHED FLOOR	AFF
ACCESSIBLE TILE SYSTEM	ATS
ACOUSTIC PANEL CEILING TILE	ACT
ACOUSTICAL	ACOUST
ACOUSTICAL DOOR ASSEMBLY	AC DR ASSY (__STC)
ACOUSTICAL INSULATION	AC INSUL
ADDITIONAL	ADDL
ADHESIVE	ADH
ADJUSTABLE	ADJ
AGGREGATE	AGG
AIR CONDITIONING	AC
AIR HANDLING UNIT	AHU
ALUMINUM	AL
ANODIZED	ANOD
APPROXIMATE	APPROX
AREA DRAIN	AD
ASPHALT	ASPH
AUDIO VISUAL	A/V
AUTOMATIC	AUTO
AUXILIARY	AUX
AVERAGE	AVG
B	
BASEMENT	BSMT
BEAM	BM
BEARING PLATE	BRG PL
BETWEEN	BTW
BEVELED	BEV
BITUMINOUS	BITUM
BLOCKING	BLKG
BOARD	BD
BOTTOM OF	BOT
BOTTOM OF CURB	BC
BOTTOM OF FOOTING ELEVATION	BFE
BRICK	BRK
BRITISH THERMAL UNIT	BTU
BUILDING	BLDG
BUILT-UP ROOFING	BUR
C	
CABINET	CAB
CABINET HARDWARE	CBT HDW
CAPILLARY WATERPROOFING	CAP WP
CASEWORK	CSWK
CAST IRON	CI
CATCH BASIN	CB
CEILING	CLG
CEILING HEIGHT	CLG HT
CEMENT	CEM
CENTER	CTR
CENTERLINE	CL
CERAMIC TILE	CT
CHALKBOARD	CB
CLEANOUT	CO
CLEAR	CLR
CLOSED CIRCUIT TELEVISION	CCTV
CLOSET	CLO
COLD WATER	CW
COLUMN	COL
CONCRETE	CONC
CONCRETE MASONRY UNIT	CMU
CONFERENCE	CONF
CONSTRUCTION	CONST
CONSTRUCTION JOINT	CONST JT
CONTINUOUS	CONT
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE	COTR
CONTRACTOR	CONTR
CONTROL JOINT	CJ
CONVECTOR	CONV
CUBIC	CU
CUBIC FEET PER MINUTE	CFM
D	
DAMPER	DMPR
DAMPPROOFING	DPFG
DEAD LOAD	DL
DECIBEL	DB
DEGREE	DEG
DEPARTMENT	DEPT
DETAIL	DET
DIAGONAL	DIAG
DIAMETER	DIA
DIFFUSER	DIFF
DIMENSION	DIM
DISPENSER	DISP
DITTO	DO
DOOR	DR
DOOR FRAME	DRF
DOOR OPENING HEIGHT	DOH
DOOR OPENING WIDTH	DOW
DOUBLE	DBL
DOWN	DN
DRAIN LINE	D
DRAINAGE BOARD	DR BD
DRAWING	DWG
DUMBWAITER	DW
DUSTPROOF CONCRETE	DPF CONC
E	
EACH	EA
ELASTOMERIC	ELAST
ELASTOMERIC BEARING PAD	ELAST BRG PAD
ELASTOMERIC COATING	ELAST CT
ELASTOMERIC MEMBRANE WATERPROOFING	ELAST MEMB WP
ELECTRIC/ELECTRICAL	ELEC
ELECTRIC CLOSET	EC
ELECTRIC WATER COOLER	EWC
ELEVATION	+EL/ELEV
ELEVATOR	ELEV
EMERGENCY	EMER
ENCLOSURE	ENCL
ENTRANCE	ENTR
EQUAL	EQ
EXHAUST	EXH
EXHAUST GRATE	EG
EXISTING	EXIST OR EX
EXISTING TO BE RELOCATED	ETR
EXPANSION	EXP
EXPANSION JOINT	EXP JT
EXPOSED MECHANICAL SUSPENSION SYSTEM	EXP SUSP SYS
EXTERIOR	EXT
EXTRUDED/EXTRUSION	EXTR
F	
FABRICATE	FAB
FACE TO FACE	FTF
FAHRENHEIT	F
FEET PER MINUTE	FPM
FILTER MATERIAL	FILT MAT
FINISH	FIN
FINISH FLOOR	F FL
FINISH GRADE	FIN GR
FINNED TUBE RADIATOR	FTR
FIRE ALARM	FA
FIRE ALARM TERMINAL CABINET	FATC
FIRE DAMPER	FD
FIRE EXTINGUISHER	FE
FIRE EXTINGUISHER CABINET	FEC
FIRE HOSE CABINET	FHC
FIRE HOSE RACK	FHR
FIRE HOSE VALVE CABINET	FHVC
FIRE HYDRANT	FH
FIREPROOF	FPRF
FIRE RATED	FR
FIRE RATED ASSEMBLY (DOORS)	F.P.S.C. (__ HR.)
FIRE RETARDANT	FR
FIRE RETARDANT TREATED WOOD	FR TREATED WD
FIRE STANDPIPE	FSP
FIXTURE	FIX
FLASHING	FL
FLEXIBLE	FLEX
FLOAT GLASS	FLT GL
FLOOR	FL/FLR
FLOOR DRAIN	FD
FLOOR GRATE	FG
FLOOR SINK	FS
FLUID APPLIED WATERPROOFING	FL APP WP
FLUORESCENT	FLUOR
FLUSH MOUNTED	FL MTD
FLUSH PANEL	FL PNL
FOOD SERVICE EQUIPMENT	FSE
FOOT/FEET	FT
FOOTING	FTG
FOUNDATION	FDN
FRESH AIR INTAKE	FAI
FURRING	FURR
G	
GALLON	GAL
GALLONS PER HOUR	GPH
GALLONS PER MINUTE	GPM
GALVANIZED	GALV
GALVANIZED IRON	GI
GALVANIZED STEEL	GS
GAS	G
GAUGE OR GAGE	GA
GLASS	GL
GLAZING BEAD	GL BD
GLAZING GASKET	GL GSKT
GRADE	GR
GRADE BEAM	GR BM
GRANITE	GRAN
GREASE TRAP	GT
GRILLE	GRL
GROUND	GND
GROUND TRANSPORTATION CENTER	GTC
GUTTER	GUT
GYPSUM	GYP
GYPSUM PLASTER	GYP PLAS
GYPSUM WALLBOARD	GWB
H	
HANDRAIL	HNDRL
HANDRAIL BRACKET	HNDRL BRKT
HARDBOARD	HDBD
HARDWARE	HDW
HARDWOOD	HDWD
HEAD	HD
HEADER	HDR
HEAT STRENGTHENED GLASS	HTS GL
HEATER	HTR
HEATING, VENTILATING AND AIR CONDITIONING	HVAC
HEIGHT	HT
HIGH POINT	HPT
HIGHWAY	HWY
HOLD OPEN	HO
HOLLOW METAL	HM
HOLLOW METAL DOOR	HMD
HOLLOW METAL FRAME	HM FR
HORIZONTAL	HORIZ
HORSEPOWER	HP
HOSE BIB	HB
HOSE CABINET	HC
HOT & COLD WATER	H&CW
HOUR	HR
HOUSEKEEPING PAD (CONC)	HKP
HYDRANT	HYD
I	
INCH/INCHES	IN
INCLUDE/INCLUSIVE	INCL
INFORMATION	INFO
INSIDE DIAMETER	ID
INSIDE PIPE SIZE	IPS
INSULATED PANEL	INSUL PNL
INSULATED ROOF MEMBRANE ASSEMBLY	INSUL ROOF MEMB ASSY
INSULATION	INSUL
INTERCOMMUNICATION	INTERCOM
INTERIOR	INTR
INVERT ELEVATION	INV EL
IRON PIPE	IP
ISOLATION	ISLN
ISOLATION MEMBRANE	ISOL MEMB
J	
JANITOR	JTR
JANITOR'S CLOSET	JC
JOINT	JT
JOIST	J
JOIST HANGER	JH
JUNCTION BOX	JB
K	
KICKPLATE	KPL
KIP	K
KNOCKDOWN	KD
KNOCKOUT	KO
L	
LABORATORY	LAB
LAMINATED	LAM
LAMINATED GLASS	LAM GL
LAVATORY	LAV
LIGHT	LT
LIGHTING	LTG
LIGHTWEIGHT CONCRETE	LWC
LIGHTWEIGHT CONCRETE FILL	LWC FILL
LIVE LOAD	LL
LOAD BEARING	LDBRG
LONGITUDINAL	LONG
LONG LEG HORIZONTAL	LLH
LONG LEG VERTICAL	LLV
LOUVER	LVR
LOW POINT	LP
M	
MACHINE	MACH
MAINTAIN/MAINTENANCE	MAINT
MANHOLE	MH
MANUFACTURER	MFG
MASONRY	MSNRY
MASONRY OPENING	MO
MASTERKEY/MASTERKEYED	MKD
MATCH EXISTING	ME
MATERIAL	MATL
MAXIMUM	MAX
MECHANICAL	MECH
MEDIUM	MDM
MEMBRANE	MEMB
MEMBRANE WATERPROOFING	MWP
METAL	MTL
METAL CORNER BEAD	MCB
METAL DIVIDING STRIP	MDS
METAL FLASHING	MTL FL TYPE ( )
METAL FURRING CHANNEL	MTL FUR CHANNEL
METAL LATH	ML
METAL PAN ACOUSTIC TILE	MTL PAN ACT
METAL REINFORCEMENT	MTL REINF
METAL RUNNER	MTL RUNNER
METAL STUD	MS
METAL SUB-BASE	MTL SUB-BASE
METAL TOILET PARTITION	MTP
METAL TRIM	MTL TRIM
METALLIC	MTLC
METALLIC GROUT	MET GT
MEZZANINE	MEZZ
MILLWORK	MLWK
MINIMUM	MIN
MISCELLANEOUS	MISC
MISCELLANEOUS METAL	MISC MTL
MOLDING	MLDG
MONUMENT	MON
MORTAR	MTR
MOUNTED	MTD
MOUNTING	MTG
MOUNTING HEIGHT	MTGH
MULLION	MUL
N	
NOMINAL	NOM
NON-METALLIC GROUT	NONMET GT
NOT IN CONTRACT	NIC
NOT TO SCALE	NTS
NUMBER	NO
O	
OFFICE	OFCE
ON CENTER	OC
OPENING	OPNG/OPG
OPEN WEB STEEL JOIST	OWSJ
OPERATING	OPR
OPPOSITE	OPP
OPPOSITE HAND	O.H.
OUNCE	OZ
OUTLET	OUT
OUTSIDE AIR	OA
OUTSIDE DIAMETER	OD
OUTSIDE FACE	OF
P	
PAINTED	PTD
PAIR	PR
PANEL	PNL
PARTITION	PTN
PAVEMENT	PVMT
PERFORATED	PERF
PHASE	PH
PITCH	P
PLANT	PLT
PLASTER	PLAS
PLASTER CONTROL JOINT	PCT
PLASTIC LAMINATE	P LAM
PLATE	PL
PLATE GLASS	PL GL
PLENUM BARRIER	PB
PLUMBING	PLMB
POINT	PT
POLISHED	POL
POLYVINYL CHLORIDE	PVC
PORCELAIN	PORC
PORCELAIN ENAMEL	PE
PORTLAND CEMENT PLASTER	PC PLAS
POUNDS	LBS
POUNDS PER SQUARE FOOT	PSF
POUNDS PER SQUARE INCH	PSI
PREFABRICATED	PREFAB
PREFORMED FILLER STRIP	PMFS
PRESERVATIVE TREATED WOOD	PTWD
PROJECTED	PROJ
PUBLIC ADDRESS	PA
Q	
QUANTITY	QTY
QUARRY TILE	QT
R	
RADIATOR	RDTR
RADIUS	RAD
RECEPTACLE	RCPT
RECESSED	REC
REFERENCE	REF
REFLECTED	REFL'D
REFRIGERATOR	REFR
REGISTER	RGTR
REINFORCED CONCRETE	RC
REINFORCED CONCRETE MASONRY UNIT	REINF CMU
REINFORCED CONCRETE PIPE	RCP
REINFORCEMENT/REINFORCING	REINF
REINFORCEMENT BAR	REBAR
REQUIRED	REQD
RESILIENT BASE	RB
RESIN MATRIX	REM
RESINOUS COATING	RES CT
RETURN	RTN
RETURN AIR	RA
REVISED/REVISION	REV
REVOLUTIONS PER MINUTE	RPM
RIGHT OF WAY	R/W
RISER	R
ROOF DRAIN	RD
ROOFING	RFG
ROOF INSULATION	ROOF INSUL
ROOM	RM
ROUGH OPENING	RO
ROUGH SLAB	RS
ROUND	RND
RUBBER	RBR
S	
SANITARY	SAN
SANITARY NAPKIN DISPOSAL	SND
SANITARY NAPKIN RECEPTACLE	SNR
SANITARY SEWER MANHOLE	SSMH
SCHEDULE/SCHEDULED	SCHED
SCORED JOINT	SJ
SECONDARY	SEC
SECTION	SECT
SERVICE SINK	SS
SHEATHING	SHTHG
SHEET	SH
SHEET METAL SCREW	SMS
SHELVING/SHELF/SHELVES	SH
SIDEWALK	SW
SIMILAR	SIM
SINK	S
SLAB CONTROL JOINT	SCJ
SLIDE/SLIDING	SL
SOIL SEPARATOR	SOIL SEP
SOUND ATTENUATING FIRE BLANKETS	SAFB
SOUND TRANSMISSION CLASS	STC
SPECIFICATION	SPEC
SPREAD	SPR
SQUARE FOOT	SQ FT
STAGGERED	STAG
STAINLESS STEEL	SST
STANDARD	STD
STANDPIPE	SP
STEEL	STL
STEEL JOIST	STLJ
STORM DRAIN	STD
STORM DRAIN MANHOLE	SDMH
STRUCTURAL/STRUCTURE	STR
SUPPLY AIR	SA
SUSPENDED/SUSPENSION	SUSP
T	
TACKBOARD	TB
TELEPHONE	TEL
TELEVISION	TV
TEMPERATURE	TEMP
TEMPERED GLASS	TMP GL
TERRAZZO	TER
THERMOSTAT	THERMO
TOILET ACCESSORY	TA
TOILET PAPER HOLDER	TPH
TONGUE AND GROOVE	T&G
TOP AND BOTTOM	T&B
TOP OF	TO
TOP OF CONCRETE	TC
TOP OF CURB	TOC
TOP OF FOOTING ELEVATION	TFE
TOP OF STEEL	TOS
TOPOGRAPHY MAP	TOPO
TRANSFORMER	XFMR
TYPICAL	TYP
U	
UNDERCUT	UC
UNFINISHED	UNFIN
UNLESS NOTED OTHERWISE	UNO
URINAL	UR
UTILITY	UTIL
V	
VACUUM	VAC
VENEER	VEN
VENT	V
VERIFY IN FIELD	VIF
VERTICAL	VERT
VESTIBULE	VEST
VINYL COMPOSITION TILE	VCT
VINYL REDUCER STRIP	VRS
VINYL TILE	VT
VINYL WALL COVERING	VWC
VOLUME	VOL
W	
WALL HYDRANT	WH
WATER CLOSET	WC
WATER FOUNTAIN	WF
WATERPROOFING	WPFG OR WP
WATER RESISTANT	WR
WEATHERSTRIP	WSP
WEIGHT	WT
WELDED WIRE FABRIC	WWF
WIDE FLANGE	W
WIRE GLASS	WGL
WITH	W/
WITHOUT	W/O
WOOD	WD
WOOD BLOCKING	WD BLKG
WOOD DOOR	WD DR
Y	
YARD	YD
YARD CLEANOUT	YCO



TARGET SYMBOLS

- DETAIL NO. / DRAWING NO. — DETAIL
- SECTION NO. / DRAWING NO. — SECTION
- ELEVATION NO. / DRAWING NO. — ELEVATION
- (A1) PARTITION TYPE SEE DWG A-255
- ROOM NAME / ROOM NUMBER
- (A) DOOR TARGET
- (A) FINISH TARGET
- REVISION

CONTROLLED INSPECTIONS

THE FOLLOWING ITEM OF WORK IS SUBJECT TO CONTROLLED INSPECTION PER THE BUILDING CODE OF THE CITY OF NEW YORK :

1. MECHANICAL/VENTILATION (27-779)
2. SPRINKLER (27-967)
3. PLUMBING
4. FIRE ALARM
5. FINAL INSPECTION (DIRECTIVE 14)

GENERAL NOTES:

1. TO THE EXTENT POSSIBLE, THE PROPOSED DESIGN COMPLIES WITH THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT, PL-101-336."
2. WOOD AND/OR WOOD PRODUCTS SHALL BE FIRE RETARDANT, AS PER NYC BUILDING CODE SECTION 27-328; AND FIRE RETARDANT WOOD SHALL BEAR THE IDENTIFICATION OF A CERTIFIED TESTING LABORATORY CERTIFYING ITS PERFORMANCE IN ACCORDANCE WITH NYC BUILDING CODE 27-131.

DRAWING LIST

ARCHITECTURAL DRAWINGS:

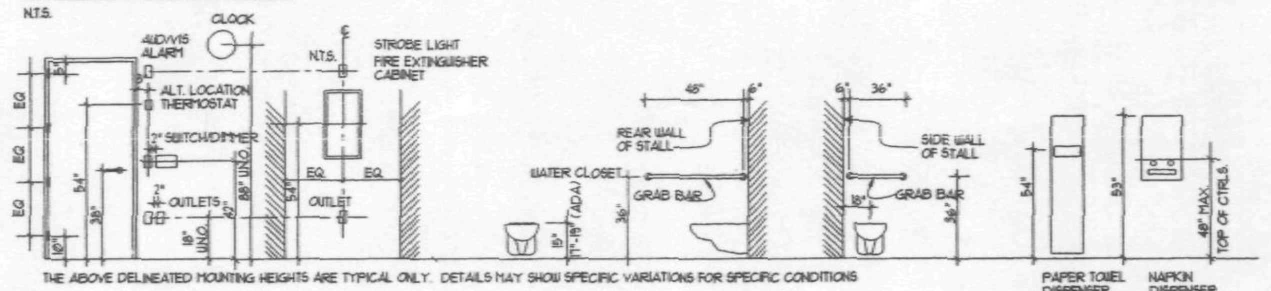
T-13	13TH FLOOR TITLE PLAN
TA-13	FLOOR PLAN
PC-13	POWER AND COMMUNICATION PLAN
TA-313	REFLECTED CEILING PLAN
A-503	MISC. DETAILS

ENGINEERING DRAWINGS:

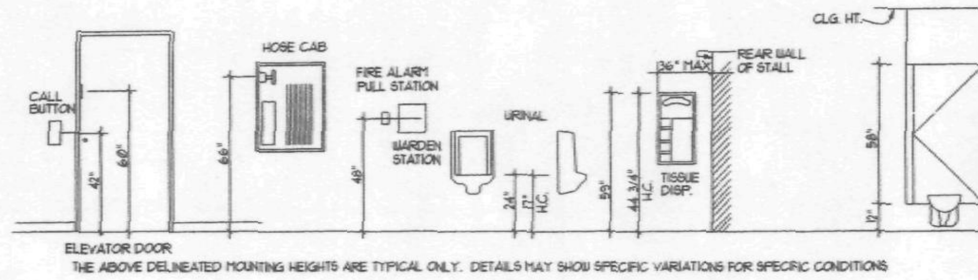
E-1	EXISTING CONDITIONS AND DEMOLITION
E-2	POWER COMMUNICATION DISTRIBUTION
E-3	COMMUNICATION CONDUIT ROUTING ROOM
E-4	SPRINKLER CEILING PLAN

DIAGRAM OF TYP. MOUNTING HEIGHTS

N.T.S.



THE ABOVE DELINEATED MOUNTING HEIGHTS ARE TYPICAL ONLY. DETAILS MAY SHOW SPECIFIC VARIATIONS FOR SPECIFIC CONDITIONS

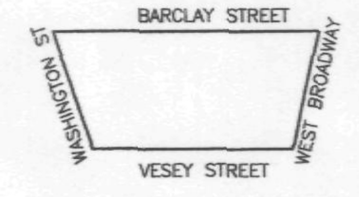


THE ABOVE DELINEATED MOUNTING HEIGHTS ARE TYPICAL ONLY. DETAILS MAY SHOW SPECIFIC VARIATIONS FOR SPECIFIC CONDITIONS

1. NO SIGN/SEAL ON POWDER RM

Salomon Brothers Inc

7 WORLD TRADE CENTER HEADQUARTERS
NEW YORK, NEW YORK 10048



KEY PLAN

LEGEND

No.	Date:	REVISION:
	2 SEPT 97	ISSUED FOR TENANT ALT.

SOM
SKIDMORE, OWINGS & MERRILL
ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

FLACK AND KURTZ
Mechanical / Electrical Engineers
475 Fifth Avenue, New York, N.Y. 10016

13TH FLOOR
TITLE PLAN

-RENOVATIONS-

Skidmore, Owings & Merrill LLP, 1996

Project No.: 6234-628
Date: 2 SEPT 97
Scale: NO SCALE
Sheet No. T-13

ALTERATIONS FOR 13TH FLOOR

ABBREVIATIONS

NOMENCLATURE	ABBREVIATION
A	
ABOVE FINISHED FLOOR	AFF
ACCESSIBLE TILE SYSTEM	ATS
ACOUSTIC PANEL CEILING TILE	ACT
ACOUSTICAL	ACOUST
ACOUSTICAL DOOR ASSEMBLY	AC DR ASSY (__STC)
ACOUSTICAL INSULATION	AC INSUL
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ADHESIVE	ADH
ADJUSTABLE	ADJ
AGGREGATE	AGG
AIR CONDITIONING	AC
AIR HANDLING UNIT	AHU
ALUMINUM	AL
ANODIZED	ANOD
APPROXIMATE	APPROX
AREA DRAIN	AD
ASPHALT	ASPH
AUDIO VISUAL	A/V
AUTOMATIC	AUTO
AUXILIARY	AUX
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BOTTOM OF CURB	BC
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CAST IRON	CI
CATCH BASIN	CB
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CEILING HEIGHT	CLG HT
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CENTERLINE	CL
CERAMIC TILE	CT
CHALKBOARD	CB
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CLEAR	CLR
CLOSED CIRCUIT TELEVISION	CCTV
CLOSET	CLO
COLD WATER	CW
COLUMN	COL
CONCRETE	CONC
CONCRETE MASONRY UNIT	CMU
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CONSTRUCTION	CONST
CONSTRUCTION JOINT	CONST JT
CONTINUOUS	CONT
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE	COTR
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CUBIC	CU
CUBIC FEET PER MINUTE	CFM
D	
DAMPER	DMPR
DAMPPROOFING	DPFG
DEAD LOAD	DL
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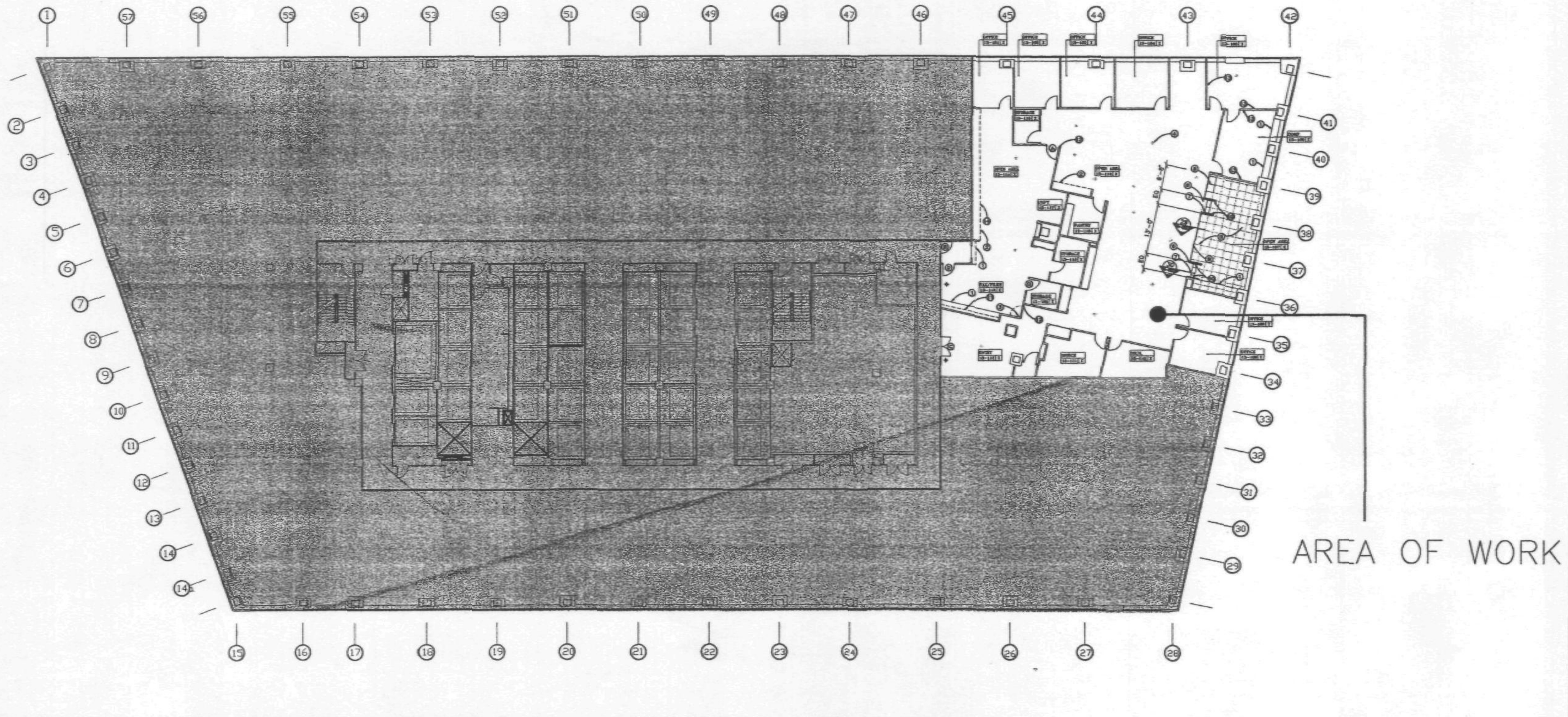
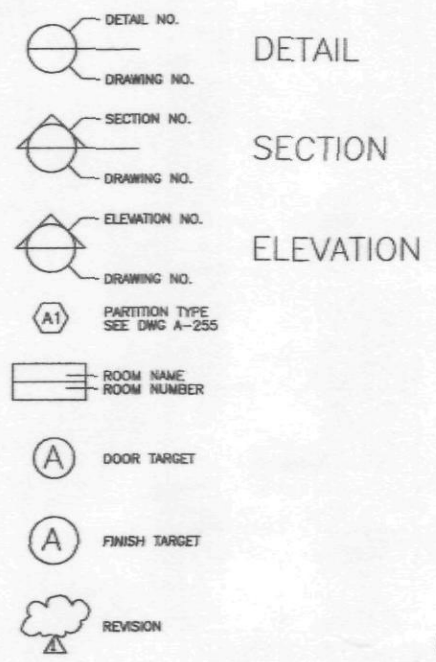
DEGREE	DEG
DEPARTMENT	DEPT
DETAIL	DET
DIAGONAL	DIAG
DIAMETER	DIA
DIFFUSER	DIFF
DIMENSION	DIM
DISPENSER	DISP
DITTO	DO
DOOR	DR
DOOR FRAME	DRF
DOOR OPENING HEIGHT	DOH
DOOR OPENING WIDTH	DOW
DOUBLE	DBL
DOWN	DN
DRAIN LINE	D
DRAINAGE BOARD	DR BD
DRAWING	DWG
DUMBWAITER	DW
DUSTPROOF CONCRETE	DPF CONC
E	
EACH	EA
ELASTOMERIC	ELAST
ELASTOMERIC BEARING PAD	ELAST BRG PAD
ELASTOMERIC COATING	ELAST CT
ELASTOMERIC MEMBRANE WATERPROOFING	ELAST MEMB WP
ELECTRIC/ELECTRICAL	ELEC
ELECTRIC CLOSET	EC
ELECTRIC WATER COOLER	EWC
ELEVATION	+EL/ELEV
ELEVATOR	ELEV
EMERGENCY	EMER
ENCLOSURE	ENCL
ENTRANCE	ENTR
EQUAL	EQ
EXHAUST	EXH
EXHAUST GRATE	EG
EXISTING	EXIST OR EX
EXISTING TO BE RELOCATED	ETR
EXPANSION	EXP
EXPANSION JOINT	EXP JT
EXPOSED MECHANICAL SUSPENSION SYSTEM	EXP SUSP SYS
EXTERIOR	EXT
EXTRUDED/EXTRUSION	EXTR
F	
FABRICATE	FAB
FACE TO FACE	FTF
FAHRENHEIT	F
FEET PER MINUTE	FPM
FILTER MATERIAL	FILT MAT
FINISH	FIN
FINISH FLOOR	F FL
FINISH GRADE	FIN GR
FINNED TUBE RADIATOR	FTR
FIRE ALARM	FA
FIRE ALARM TERMINAL CABINET	FATC
FIRE DAMPER	FD
FIRE EXTINGUISHER	FE
FIRE EXTINGUISHER CABINET	FEC
FIRE HOSE CABINET	FHC
FIRE HOSE RACK	FHR
FIRE HOSE VALVE CABINET	FHVC
FIRE HYDRANT	FH
FIREPROOF	FPRF
FIRE RATED	FR
FIRE RATED ASSEMBLY (DOORS)	F.P.S.C. (__ HR.)
FIRE RETARDANT	FR
FIRE RETARDANT TREATED WOOD	FR TREATED WD
FIRE STANDPIPE	FSP
FIXTURE	FIX
FLASHING	FL
FLEXIBLE	FLEX
FLOAT GLASS	FLT GL
FLOOR	FL/FLR
FLOOR DRAIN	FD
FLOOR GRATE	FG
FLOOR SINK	FS
FLUID APPLIED WATERPROOFING	FL APP WP
FLUORESCENT	FLUOR
FLUSH MOUNTED	FL MTD
FLUSH PANEL	FL PNL
FOOD SERVICE EQUIPMENT	FSE
FOOT/FEET	FT
FOOTING	FTG
FOUNDATION	FDN
FRESH AIR INTAKE	FAI
FURRING	FURR

NOMENCLATURE	ABBREVIATION
G	
GALLON	GAL
GALLONS PER HOUR	GPH
GALLONS PER MINUTE	GPM
GALVANIZED	GALV
GALVANIZED IRON	GI
GALVANIZED STEEL	GS
GAS	G
GAUGE OR GAGE	GA
GLASS	GL
GLAZING BEAD	GL BD
GLAZING GASKET	GL GSKT
GRADE	GR
GRADE BEAM	GR BM
GRANITE	GRAN
GREASE TRAP	GT
GRILLE	GRL
GROUND	GND
GROUND TRANSPORTATION CENTER	GTC
GUTTER	GUT
GYPSUM	GYP
GYPSUM PLASTER	GYP PLAS
GYPSUM WALLBOARD	GWB
H	
HANDRAIL	HNDRL
HANDRAIL BRACKET	HNDRL BRKT
HARDBOARD	HDBD
HARDWARE	HDW
HARDWOOD	HDWD
HEAD	HD
HEADER	HDR
HEAT STRENGTHENED GLASS	HTS GL
HEATER	HTR
HEATING, VENTILATING AND AIR CONDITIONING	HVAC
HEIGHT	HT
HIGH POINT	HPT
HIGHWAY	HWY
HOLD OPEN	HO
HOLLOW METAL	HM
HOLLOW METAL DOOR	HMD
HOLLOW METAL FRAME	HM FR
HORIZONTAL	HORIZ
HORSEPOWER	HP
HOSE BIB	HB
HOSE CABINET	HC
HOT & COLD WATER	H&CW
HOUR	HR
HOUSEKEEPING PAD (CONC)	HKP
HYDRANT	HYD
I	
INCH/INCHES	IN
INCLUDE/INCLUSIVE	INCL
INFORMATION	INFO
INSIDE DIAMETER	ID
INSIDE PIPE SIZE	IPS
INSULATED PANEL	INSUL PNL
INSULATED ROOF MEMBRANE ASSEMBLY	INSUL ROOF MEMB ASSY
INSULATION	INSUL
INTERCOMMUNICATION	INTERCOM
INTERIOR	INTR
INVERT ELEVATION	INV EL
IRON PIPE	IP
ISOLATION	ISLN
ISOLATION MEMBRANE	ISOL MEMB
J	
JANITOR	JTR
JANITOR'S CLOSET	JC
JOINT	JT
JOIST	J
JOIST HANGER	JH
JUNCTION BOX	JB
K	
KICKPLATE	KPL
KIP	K
KNOCKDOWN	KD
KNOCKOUT	KO
L	
LABORATORY	LAB
LAMINATED	LAM
LAMINATED GLASS	LAM GL
LAVATORY	LAV
LIGHT	LT
LIGHTING	LTG
LIGHTWEIGHT CONCRETE	LWC
LIGHTWEIGHT CONCRETE FILL	LWC FILL
LIVE LOAD	LL
LOAD BEARING	LDBRG
LONGITUDINAL	LONG
LONG LEG HORIZONTAL	LLH
LONG LEG VERTICAL	LLV
LOUVER	LVR
LOW POINT	LP
M	
MACHINE	MACH
MAINTAIN/MAINTENANCE	MAINT
MANHOLE	MH
MANUFACTURER	MFG
MASONRY	MSNRY
MASONRY OPENING	MO
MASTERKEY/MASTERKEYED	MKD
MATCH EXISTING	ME
MATERIAL	MATL
MAXIMUM	MAX
MECHANICAL	MECH
MEDIUM	MDM
MEMBRANE	MEMB
MEMBRANE WATERPROOFING	MWP
METAL	MTL
METAL CORNER BEAD	MCB
METAL DIVIDING STRIP	MDS
METAL FLASHING	MTL FL TYPE ( )
METAL FURRING CHANNEL	MTL FUR CHANNEL
METAL LATH	ML
METAL PAN ACOUSTIC TILE	MTL PAN ACT
METAL REINFORCEMENT	MTL REINF
METAL RUNNER	MTL RUNNER
METAL STUD	MS
METAL SUB-BASE	MTL SUB-BASE
METAL TOILET PARTITION	MTP
METAL TRIM	MTL TRIM
METALLIC	MTLC
METALLIC GROUT	MET GT
MEZZANINE	MEZZ
MILLWORK	MLWK
MINIMUM	MIN
MISCELLANEOUS	MISC
MISCELLANEOUS METAL	MISC MTL
MOLDING	MLDG
MONUMENT	MON
MORTAR	MTR
MOUNTED	MTD
MOUNTING	MTG
MOUNTING HEIGHT	MTGH
MULLION	MUL
N	
NOMINAL	NOM
NON-METALLIC GROUT	NONMET GT
NOT IN CONTRACT	NIC
NOT TO SCALE	NTS
NUMBER	NO
O	
OFFICE	OFCE
ON CENTER	OC
OPENING	OPNG/OPG
OPEN WEB STEEL JOIST	OWSJ
OPERATING	OPR
OPPOSITE	OPP
OPPOSITE HAND	O.H.
OUNCE	OZ
OUTLET	OUT
OUTSIDE AIR	OA
OUTSIDE DIAMETER	OD
OUTSIDE FACE	OF
P	
PAINTED	PTD

NOMENCLATURE	ABBREVIATION
PAIR	PR
PANEL	PNL
PARTITION	PTN
PAVEMENT	PVMT
PERFORATED	PERF
PHASE	PH
PITCH	P
PLANT	PLT
PLASTER	PLAS
PLASTER CONTROL JOINT	PCT
PLASTIC LAMINATE	P LAM
PLATE	PL
PLATE GLASS	PL GL
PLENUM BARRIER	PB
PLUMBING	PLMB
POINT	PT
POLISHED	POL
POLYVINYL CHLORIDE	PVC
PORCELAIN	PORC
PORCELAIN ENAMEL	PE
PORTLAND CEMENT PLASTER	PC PLAS
POUNDS	LBS
POUNDS PER SQUARE FOOT	PSF
POUNDS PER SQUARE INCH	PSI
PREFABRICATED	PREFAB
PREFORMED FILLER STRIP	PMFS
PRESERVATIVE TREATED WOOD	PTWD
PROJECTED	PROJ
PUBLIC ADDRESS	PA
Q	
QUANTITY	QTY
QUARRY TILE	QT
R	
RADIATOR	RDTR
RADIUS	RAD
RECEPTACLE	RCPT
RECESSED	REC
REFERENCE	REF
REFLECTED	REFL'D
REFRIGERATOR	REFR
REGISTER	RGTR
REINFORCED CONCRETE	RC
REINFORCED CONCRETE MASONRY UNIT	REINF CMU
REINFORCED CONCRETE PIPE	RCP
REINFORCEMENT/REINFORCING	REINF
REINFORCEMENT BAR	REBAR
REQUIRED	REQD
RESILIENT BASE	RB
RESIN MATRIX	REM
RESINOUS COATING	RES CT
RETURN	RTN
RETURN AIR	RA
REVISED/REVISION	REV
REVOLUTIONS PER MINUTE	RPM
RIGHT OF WAY	R/W
RISER	R
ROOF DRAIN	RD
ROOFING	RFG
ROOF INSULATION	ROOF INSUL
ROOM	RM
ROUGH OPENING	RO
ROUGH SLAB	RS
ROUND	RND
RUBBER	RBR
S	
SANITARY	SAN
SANITARY NAPKIN DISPOSAL	SND
SANITARY NAPKIN RECEPTACLE	SNR
SANITARY SEWER MANHOLE	SSMH
SCHEDULE/SCHEDULED	SCHED
SCORED JOINT	SJ
SECONDARY	SEC
SECTION	SECT
SERVICE SINK	SS
SHEATHING	SHTHG
SHEET	SH
SHEET METAL SCREW	SMS
SHELVING/SHELF/SHELVES	SH
SIDEWALK	SW
SIMILAR	SIM
SINK	S
SLAB CONTROL JOINT	SCJ
SLIDE/SLIDING	SL
SOIL SEPARATOR	SOIL SEP
SOUND ATTENUATING FIRE BLANKETS	SAFB
SOUND TRANSMISSION CLASS	STC
SPECIFICATION	SPEC
SPREAD	SPR
SQUARE FOOT	SQ FT
STAGGERED	STAG
STAINLESS STEEL	SST
STANDARD	STD
STANDPIPE	SP
STEEL	STL
STEEL JOIST	STLJ
STORM DRAIN	STD
STORM DRAIN MANHOLE	SDMH
STRUCTURAL/STRUCTURE	STR
SUPPLY AIR	SA
SUSPENDED/SUSPENSION	SUSP
T	
TACKBOARD	TB
TELEPHONE	TEL
TELEVISION	TV
TEMPERATURE	TEMP
TEMPERED GLASS	TMP GL
TERRAZZO	TER
THERMOSTAT	THERMO
TOILET ACCESSORY	TA
TOILET PAPER HOLDER	TPH
TONGUE AND GROOVE	T&G
TOP AND BOTTOM	T&B
TOP OF	TO
TOP OF CONCRETE	TC
TOP OF CURB	TOC
TOP OF FOOTING ELEVATION	TFE
TOP OF STEEL	TOS
TOPOGRAPHY MAP	TOPO
TRANSFORMER	XFMR
TYPICAL	TYP
U	
UNDERCUT	UC
UNFINISHED	UNFIN
UNLESS NOTED OTHERWISE	UNO
URINAL	UR
UTILITY	UTIL
V	
VACUUM	VAC
VENEER	VEN
VENT	V
VERIFY IN FIELD	VIF
VERTICAL	VERT
VESTIBULE	VEST
VINYL COMPOSITION TILE	VCT
VINYL REDUCER STRIP	VRS
VINYL TILE	VT
VINYL WALL COVERING	VWC
VOLUME	VOL
W	
WALL HYDRANT	WH
WATER CLOSET	WC
WATER FOUNTAIN	WF
WATERPROOFING	WPFG OR WP
WATER RESISTANT	WR
WEATHERSTRIP	WSP
WEIGHT	WT
WELDED WIRE FABRIC	WWF
WIDE FLANGE	W
WIRE GLASS	WGL
WITH	W/
WITHOUT	W/O
WOOD	WD
WOOD BLOCKING	WD BLKG
WOOD DOOR	WD DR
Y	
YARD	YD
YARD CLEANOUT	YCO



TARGET SYMBOLS



CONTROLLED INSPECTIONS

THE FOLLOWING ITEM OF WORK IS SUBJECT TO CONTROLLED INSPECTION PER THE BUILDING CODE OF THE CITY OF NEW YORK :

1. MECHANICAL/VENTILATION (27-779)
2. SPRINKLER (27-967)
3. PLUMBING
4. FIRE ALARM
5. FINAL INSPECTION (DIRECTIVE 14)

GENERAL NOTES:

1. TO THE EXTENT POSSIBLE, THE PROPOSED DESIGN COMPLIES WITH THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT, PL-101-336."
2. WOOD AND/OR WOOD PRODUCTS SHALL BE FIRE RETARDANT, AS PER NYC BUILDING CODE SECTION 27-328; AND FIRE RETARDANT WOOD SHALL BEAR THE IDENTIFICATION OF A CERTIFIED TESTING LABORATORY CERTIFYING ITS PERFORMANCE IN ACCORDANCE WITH NYC BUILDING CODE 27-131.

DRAWING LIST

ARCHITECTURAL DRAWINGS:

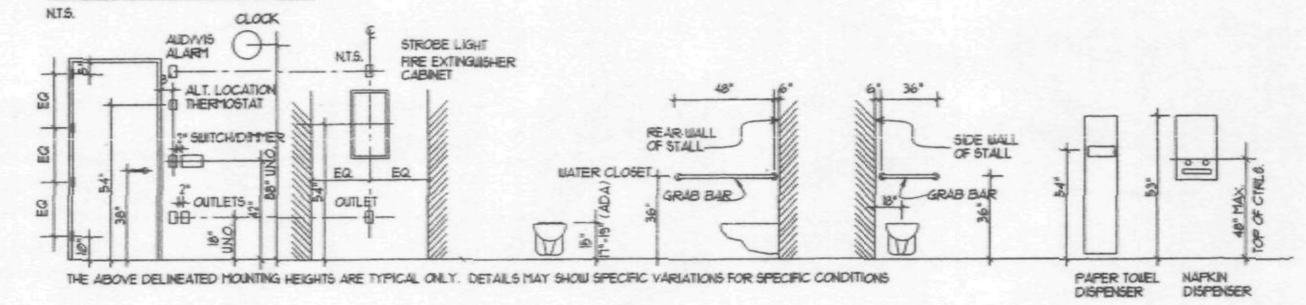
T-13	13TH FLOOR TITLE PLAN
TA-13	FLOOR PLAN
PC-13	POWER AND COMMUNICATION PLAN
TA-313	REFLECTED CEILING PLAN
A-503	MISC. DETAILS

ENGINEERING DRAWINGS:

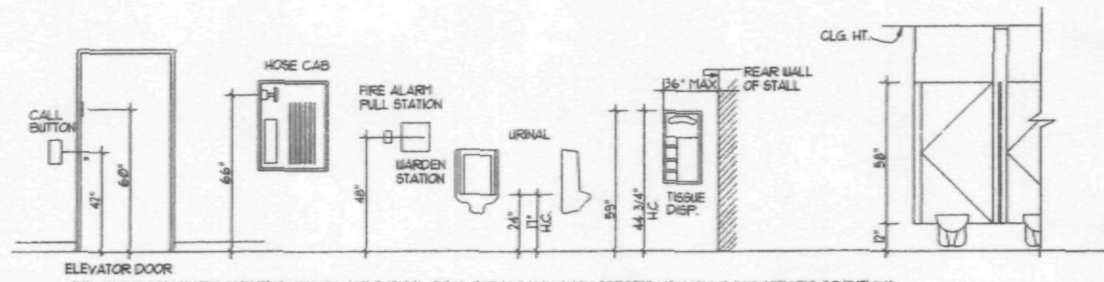
E-1	EXISTING CONDITIONS AND DEMOLITION
E-2	POWER COMMUNICATION DISTRIBUTION
E-3	COMMUNICATION CONDUIT ROUTING ROOM
E-4	SPRINKLER CEILING PLAN

DIAGRAM OF TYP. MOUNTING HEIGHTS

N.T.S.



THE ABOVE DELINEATED MOUNTING HEIGHTS ARE TYPICAL ONLY. DETAILS MAY SHOW SPECIFIC VARIATIONS FOR SPECIFIC CONDITIONS



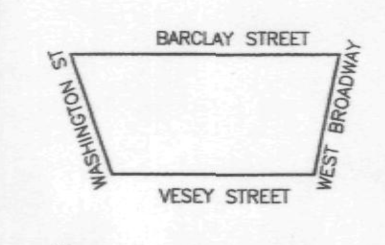
THE ABOVE DELINEATED MOUNTING HEIGHTS ARE TYPICAL ONLY. DETAILS MAY SHOW SPECIFIC VARIATIONS FOR SPECIFIC CONDITIONS

No.	Date:	REVISION:
	2 SEPT 97	ISSUED FOR TENANT ALT.

LEGEND

Salomon Brothers Inc

7 WORLD TRADE CENTER HEADQUARTERS
NEW YORK, NEW YORK 10048



KEY PLAN

SOM
SKIDMORE, OWINGS & MERRILL
ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

FLACK AND KURTZ
Mechanical / Electrical Engineers
475 Fifth Avenue, New York, N.Y. 10018

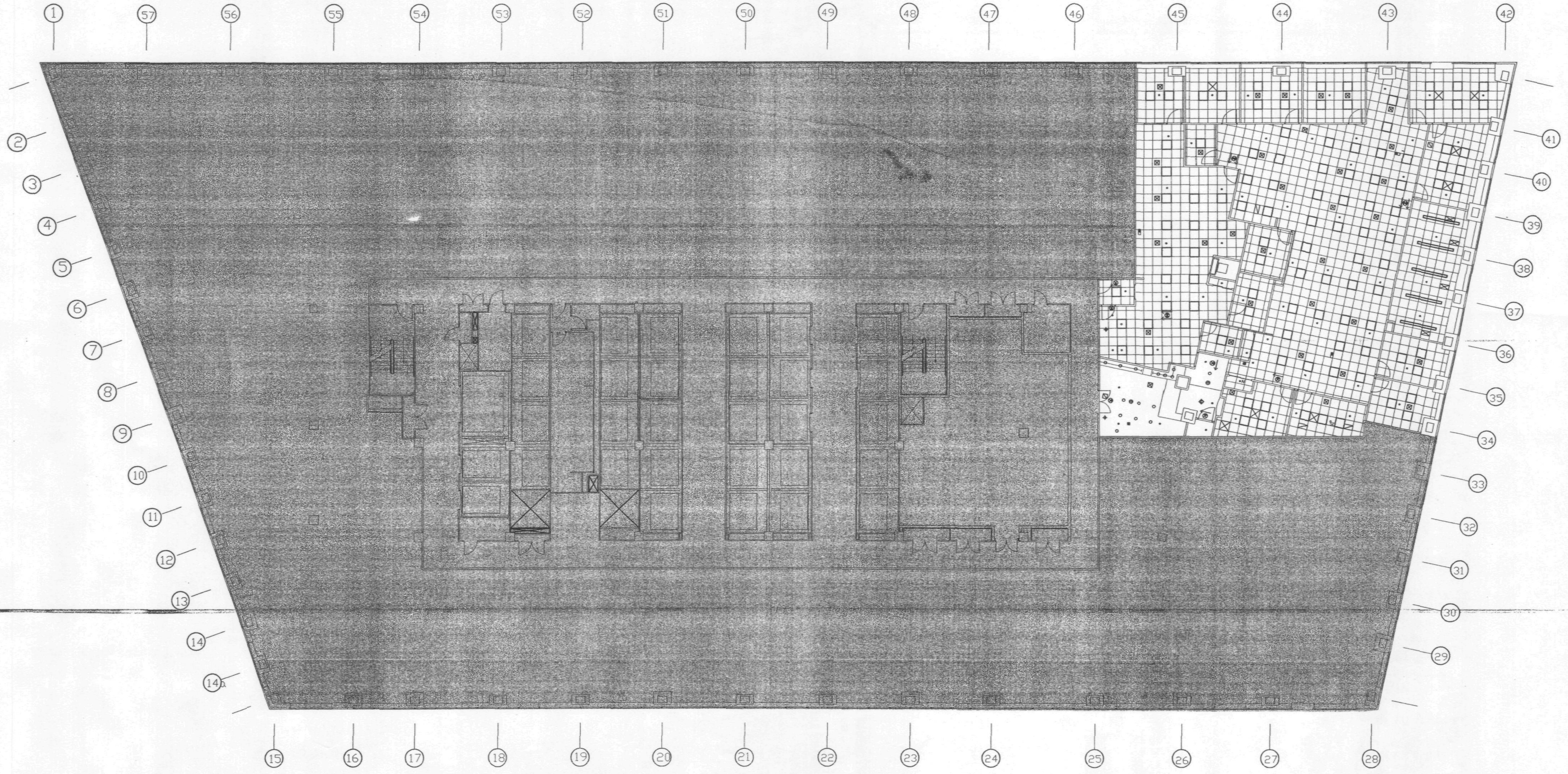
13TH FLOOR
TITLE PLAN

-RENOVATIONS-

Skidmore, Owings & Merrill LLP, 1996

Project No.: 6234-628
Date: 2 SEPT 97
Scale: NO SCALE
Sheet No. T-13

WTCI-4-SOM



1. 13TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTE

ALL CEILINGS, DIFFUSERS, LIGHTING, SPRINKLERS, ETC., ARE EXISTING TO REMAIN, UNLESS NOTED OTHERWISE.

Salomon Brothers Inc

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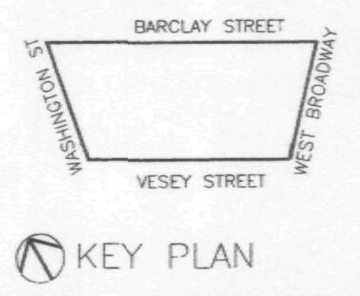
NEW YORK, NEW YORK 10048



LEGEND

- ACOUSTIC TILE CEILING GRID (ACT-1) WI
- (E) 8" X 5'-0" RECESSED LIGHTING (EXISTING)
- DOWNLIGHT TO REMAIN
- DOWNLIGHT TO BE REMOVED
- (R) DOWNLIGHT TO BE RELOCATED
- (N) DOWNLIGHT TO MATCH EXISTING
- EXIT LIGHT. CEILING MNTD.
- EMERGENCY LIGHT
- SPEAKER STROBE
- LINEAR DIFFUSER
- SUPPLY AIR DIFFUSER
- GWB CEILING CONSTRUCTION
- SP CEILING GRID STARTING POINT
- WALL MOUNTED UTILITY FIXTURE
- WALL MOUNTED UTILITY FIXTURE
- SD SMOKE DETECTOR
- POWER POLE (FROM CEILING TO FLOOR)
- ACOUSTIC TILE CEILING GRID (ACT - 9)
- SPRINKLER (EXISTING)
- N SPRINKLER (NEW)
- RETURN AIR GRILLE
- RECESSED CANOPY FOR CEILING FIXTURE
- PENDANT UPLIGHT (EXIST)

No.	Date:	REVISION:
	9-2-97	ISSUED FOR TENANT ALT.

SOM

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ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

POWER CON
Electrical Engineers
111 Broadway, New York, N.Y. 10006

13TH FLOOR
REFL. CEILING PLAN

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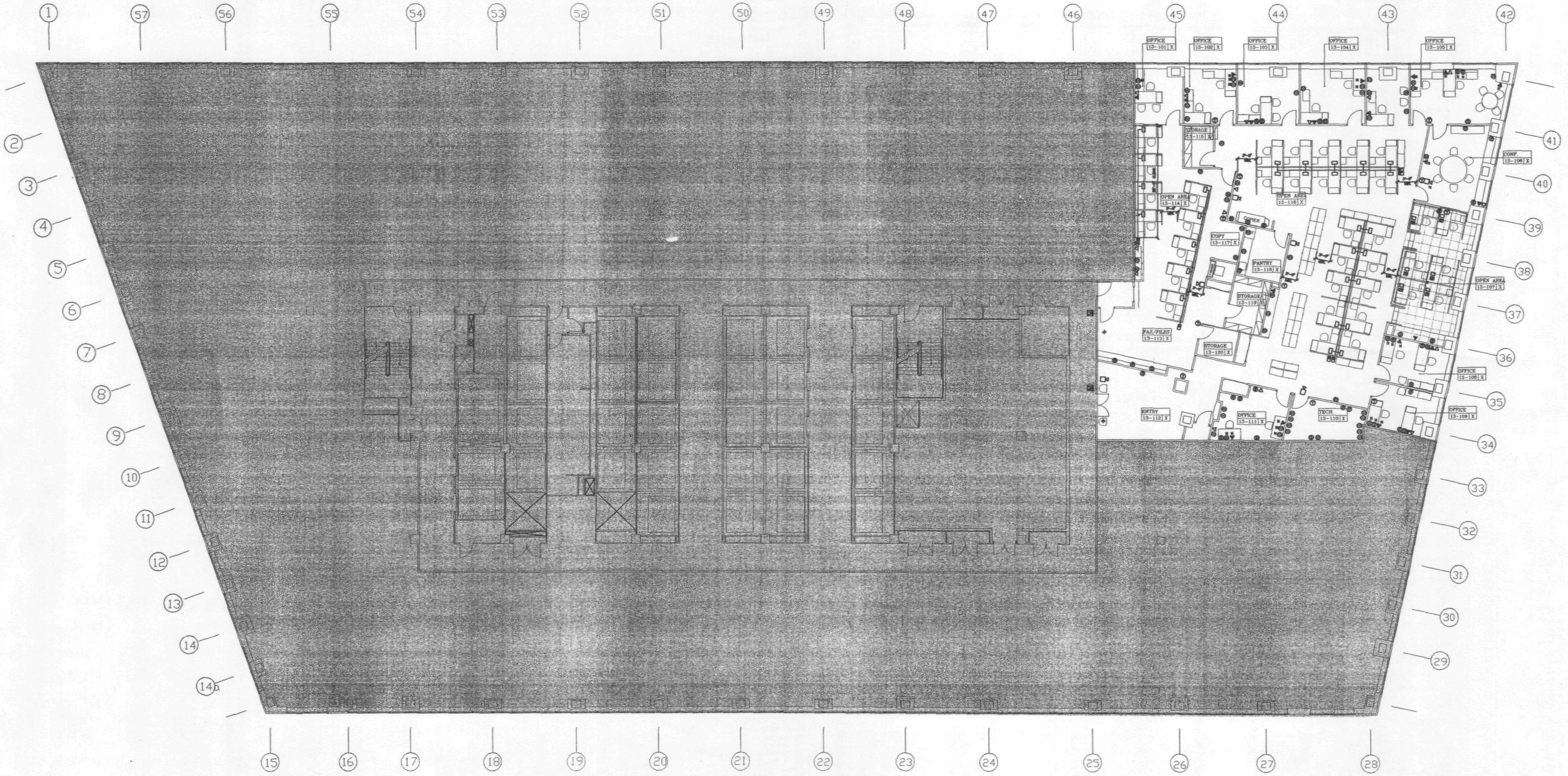
Project No.: 6234-628
Date:
Scale: 1/8"=1'-0"
Sheet No. TA-313

WTCI-4-SOM



1. 13TH FLOOR POWER & COMMUNICATIONS PLAN

SCALE: 1/8"=1'-0"

GENERAL NOTES:

1. ALL WALL OUTLETS FEEDING WORKSTATIONS ARE TO BE RAISED 34" A.F.F.
2. ALL NEW OUTLETS FEEDING WORKSTATIONS ARE TO BE LOCATED 34" A.F.F.

~~PRELIMINARY~~

Salomon Brothers Inc

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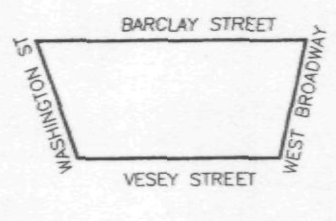
NEW YORK, NEW YORK 10048



KEY PLAN

LEGEND

- SINGLE RECEPTICLE
- WALL (ELECTRONIC SINGLE DUPLEX)
- WALL (ELECTRONIC DOUBLE DUPLEX)
- WALL (DATA)
- WALL (VOICE)
- WALL (VOICE/DATA)
- PLUGMOLD
- SECURITY RELEASE BUTTON (N.I.C.)
- CLOCK
- FLUSH MTD. FLOOR BOX POWER & COMMUNICATIONS
- NEW FLUSH MTD. FLOOR BOX – POWER @ RAISED FLOOR
- NEW FLUSH MTD. FLOOR BOX – COMM. @ RAISED FLOOR
- EXIST. SPEAKER /STROBE
- NEW SPEAKER/STROBE TO MATCH EXIST.
- SURFACE MTD. POWER/COMM RACEWAY W/6 POWER RECEPTACLES + DATA + COMMUNICATION OUTLET GROUP PER DESK
- NEW POWER POLLS. VERIFY LOCATIONS IN FIELD
- EXISTING POKE– THROUGH TO BE REMOVED
- EXISTING POKE– THROUGH TO BE REMAIN
- NEW WALL MTD DUPLEX RECEPTICLE
- NEW WALL (DATA)
- NEW WALL (VOICE)
- NEW WALL (VOICE/DATA)

No.	Date:	REVISION:
	9-2-97	ISSUED FOR TENANT ALT.

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SKIDMORE, OWINGS & MERRILL
ARCHITECTS / ENGINEERS
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POWER CON
Electrical Engineers
111 Broadway, New York, N.Y. 10006

13TH FLOOR POWER AND COMMUNICATIONS PLAN

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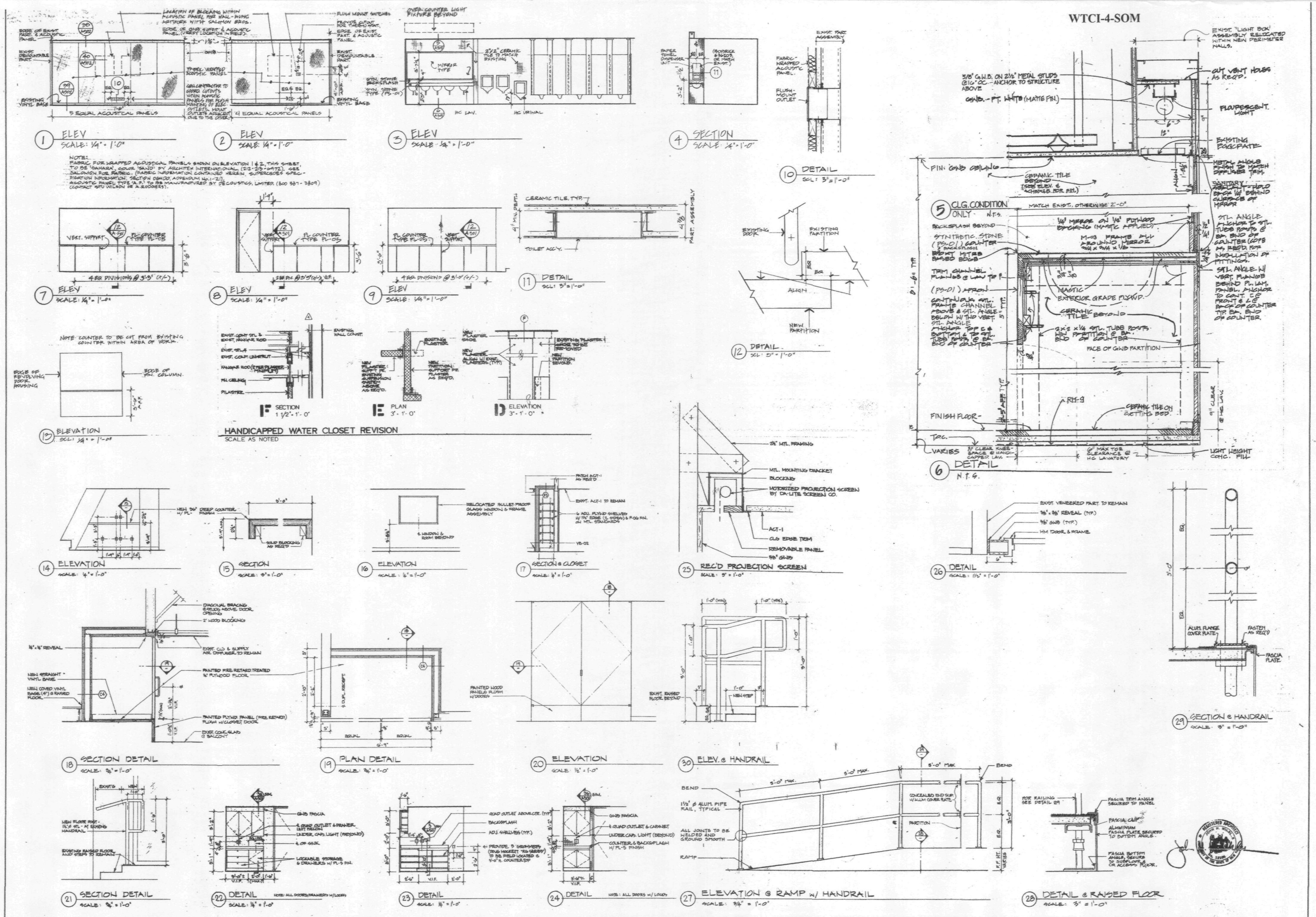
Project No.: 6234-628
Date:
Scale: 1/8"=1'-0"
Sheet No. PC-13



Salomon Brothers Inc

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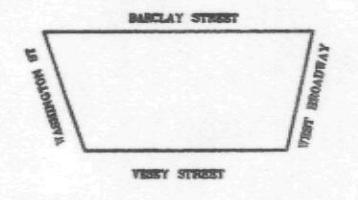

KEY PLAN

NOTES

LEGEND

No.	Date	Revision
	2 SEPT 97	ISSUED FOR TENANT ALT.
	16 JUNE 97	ISSUED FOR TENANT ALT.
	22 OCT 96	ISSUED FOR TENANT ALT.
	12 APRIL 96	ISSUED FOR TENANT ALT.
	7-NOV-95	ISSUE FOR TENANT ALTERATION
	27 JAN 95	ISSUED FOR TENANT ALTERATIONS
	11/18/94	ISSUED FOR TENANT ALT.
	10/28/94	ISSUED FOR TENANT ALT.
	10/07/94	ISSUED FOR TENANT ALT.
1	10/05/94	ISSUED FOR TENANT ALT.

SOM
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FLACK AND KURTZ
Mechanical / Electrical Engineers
475 Fifth Avenue, New York, N.Y. 10016

IRWIN G. CANTOR P.C.
Structural Engineers
219 East 42nd St., New York, N.Y. 10017

MISCELLANEOUS DETAILS

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Project No. 9134-627
Sheet No. A-503
Scale AS NOTED

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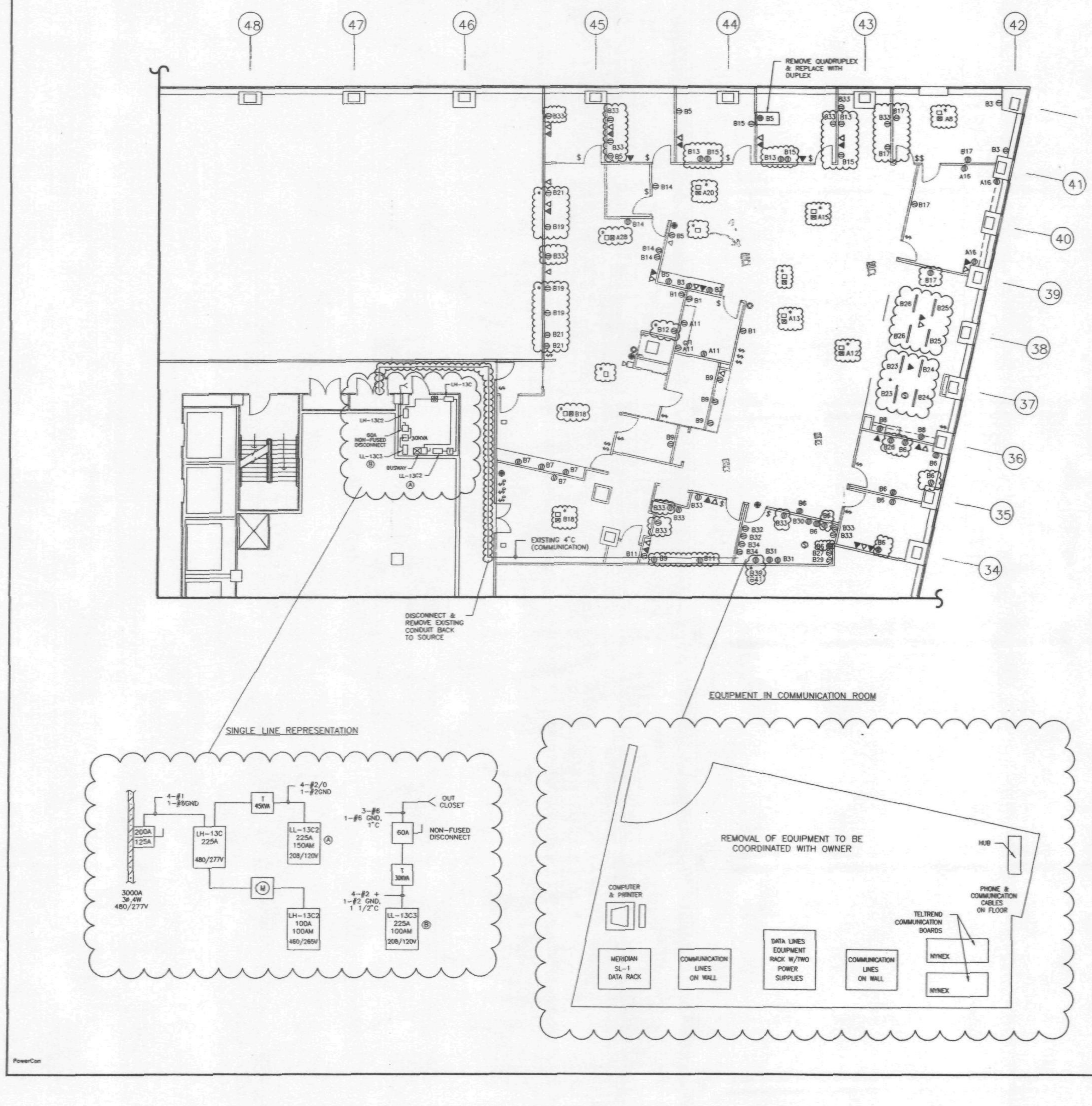
NEW YORK, NEW YORK



DEMOLITION NOTES:

(1) DISCONNECT & REMOVE ALL RECEPTACLES IN BUBBLED-IN AREAS, CONCEAL RECEPTACLES OPENINGS WITH BLANK FACEPLATES, AND SAFE-OFF CIRCUITS BACK TO PULL/JUNCTION BOX.

(2) DISCONNECT & REMOVE RECEPTACLES AND FLOOR BOXES IN BUBBLED-IN AREAS WITH ASTERISK *. FILL AND PATCH AREAS AFTER FLOOR BOXES HAVE BEEN REMOVED. SAFE-OFF CIRCUITS BACK TO PANEL BOX IN ELECTRIC CLOSET C.

LEGEND:

- ▲ PHONE/COMMUNICATION LINES
- △ DATA LINES
- DUPLEX
- QUADRUPLEX
- □ COMMUNICATION/DATA BOX
- ⊠ FLOOR BOX
- STROBE
- FIRE HORN
- $ SWITCH
- $_D DIMMER SWITCH
- 6 STRIP PLUGMOLD
- Ⓢ SMOKE DETECTOR

REV. #	DATE	DRAWN BY	REVISION DESCRIPTION

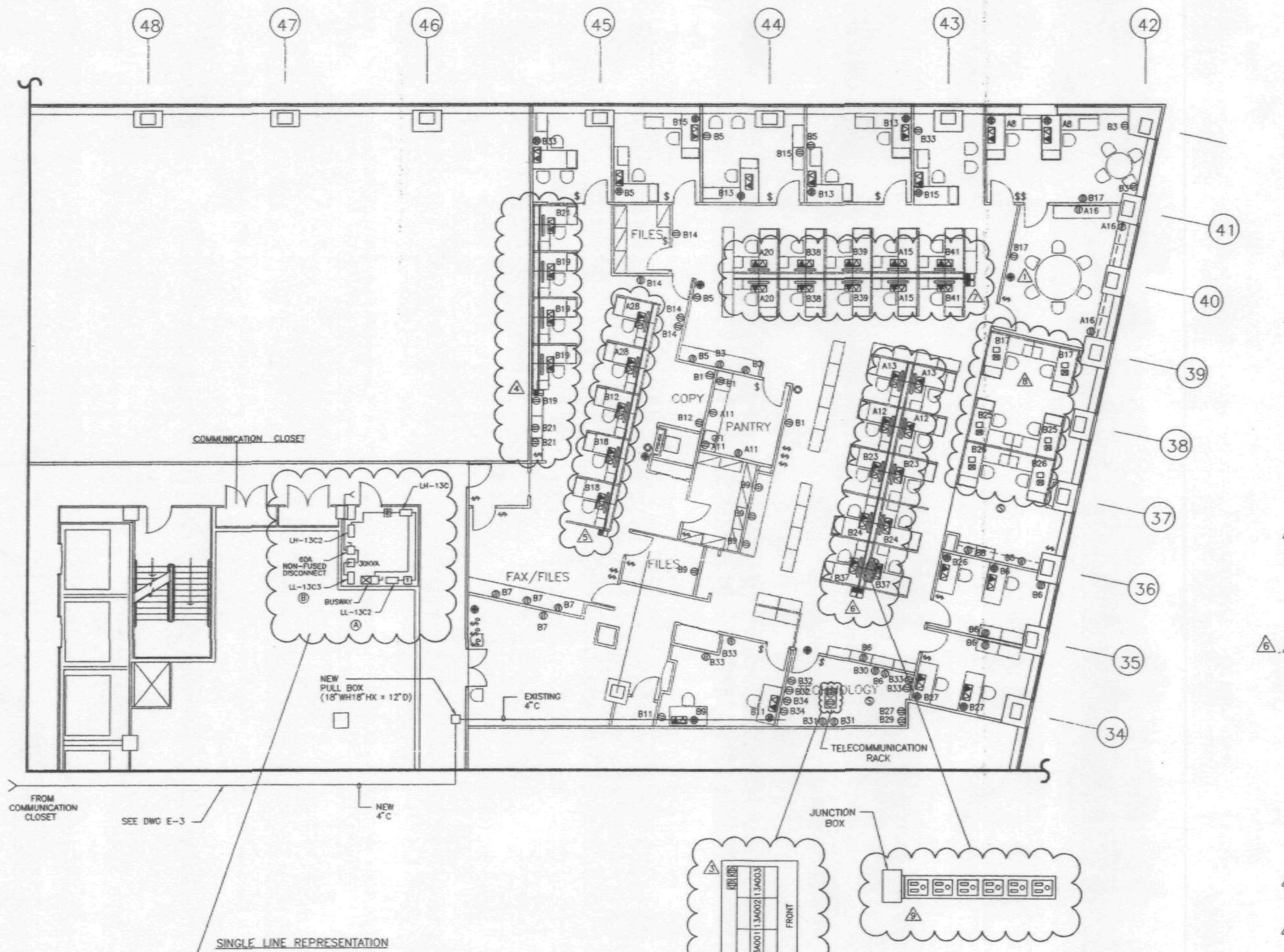
PowerCon
POWER CONCEPTS, L.L.C.
111 Broadway
New York, New York 10006
Tel 212-791-3011 Fax 212-791-3014

DRAWN BY	APPROVED	PROJECT NUMBER
NB	JDM	97-124

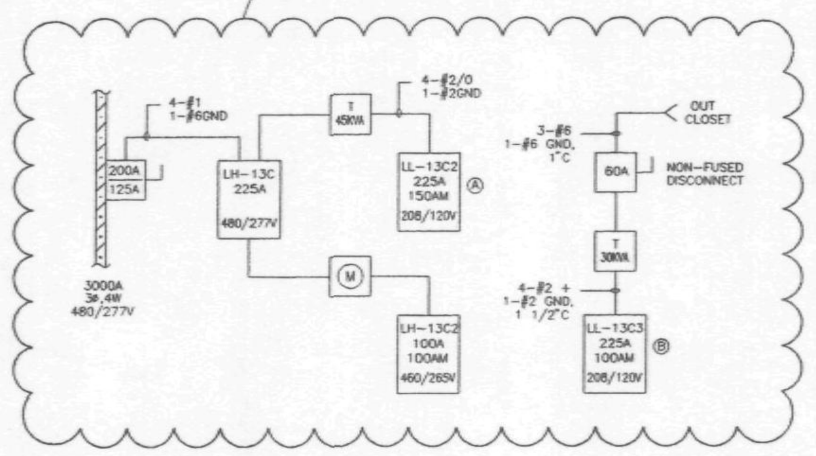
13TH FLOOR LAYOUT
EXISTING CONDITIONS
& DEMOLITION PLAN

7 WORLD TRADE CENTER
NEW YORK, NEW YORK 10048

SHEET 1 OF 2		CAD FILE: 97124-E1
DATE 8/11/97	SCALE NONE	DRAWING NUMBER E1



SINGLE LINE REPRESENTATION



EQUIPMENT SPECIFICATIONS

(1) STEEL TELE-POWER POLES
MANUFACTURER-WIREMOLD COMPANY
CAT. # 30TC-4V
DIM. (3"L X 2 3/4"W X 10'5"H)
IVORY FINISH

(2) MULTICHANNEL SURFACE NONMETALLIC RACEWAY
MANUFACTURER-WIREMOLD COMPANY
CAT. # 5500BD
DIM. (6 11/16"L X 1 11/16"W)
COVER-CAT. # 5500C
WIRE CLIP - 5500WC
(USE 5500 SERIES ACCESSORIES & FACEPLATES)
IVORY FINISH

(3) TWO PIECE SURFACE STEEL RACEWAY
2000 PLUGMOLD MULTIOUTLET SYSTEM
MANUFACTURER-WIREMOLD COMPANY
CAT. # 20GB306
LENGTH - 3'
6 SINGLE OUTLETS (15A 125V NEMA 5-15R)

INTENT:

TO RECONFIGURE EXISTING CIRCUITS IN ORDER TO ACCOMODATE NEW POWER/COMMUNICATION DISTRIBUTION LAYOUT.
EACH DESK REQUIRES A 6-STRIP PLUGMOLD AND A COMMUNICATION BOX CONSISTING OF 4 DATA AND 2 VOICE JACKS UNLESS NOTED OTHERWISE.

NOTES:

⚠1 INSTALL NEW STROBE TO MATCH EXISTING AND TIE INTO EXISTING FIRE ALARM SYSTEM.

(2) IN PERIMETER OFFICES, QUADRUPLEXES WILL BE INSTALLED FLUSH WALL MOUNTED 42" FROM FLOOR FINISH ABOVE FURNITURE.
USING EXISTING CIRCUITS AS INDICATED.

⚠3 PROVIDE (2) NEW DEDICATED 20 AMP TWIST-LOCK RECEPTACLES ON THE REAR OF RACK 13A003. CIRCUIT DESIGNATIONS TO BE DETERMINED.
MOUNT RECEPTACLES FACE UP IN SURFACE MOUNTED BACKBOX.
BACKBOXES TO BE SECURED TO BACK OF RACKS.

⚠4 HOMERUN TO POWERPOLE FROM PANEL BOX WILL BE 1" ELECTRICAL METALLIC TUBING (EMT) CONTAINING 6-#10AWG COPPER WIRE W/THWN INSULATION.
BRANCH OUT CIRCUITS USING 3 SETS OF 3-#12AWG COPPER WIRE WITH THWN INSULATION IN 3/4" EMT VIA A JUNCTION BOX PRIOR CONNECTION TO POWER POLE TO ENERGIZE 3 DUPLEXES NEAR FILE CABINETS.
COMMUNICATION COMPARTMENT OF POWER POLE WILL CONTAIN 24 UTP 4-PAIR AWG, CAT. 5 CABLE.
[•] CONNECTION FROM POWER POLE TO RACEWAY WILL BE VIA FLEXIBLE METALLIC CONDUIT (FMC).
SIZE MULTIPLE FMC AND KNOCKOUTS TO ACCOMODATE APPROPRIATE NUMBER OF POWER AND COMMUNICATION CABLES AS REQUIRED FOR INSTALLATION.
IN RACEWAY USE #12 AWG COPPER WIRE WITH THWN INSULATION TO FEED PLUGSTRIPS.
USE WIREMOLD (5500 SERIES) DEVICE BRACKETS FACEPLATE ACCESSORIES 5507, 5507B, 5507D, 5507RJ, 5506B, 551C, 5510D, OR APPROVED EQUALS AS NEEDED.
COMMUNICATION EQUIPMENT AND INSTALLATION TO BE DETERMINED BY OWNERS DATA PERSONNEL.

⚠5 HOMERUN TO POWER POLE FROM PANEL BOX WILL BE 1" EMT CONTAINING 9-#10 AWG COPPER WIRE WITH THWN INSULATION.
BRANCH CUT CIRCUIT #B12 USING 3-#12 AWG COPPER WIRE WITH THWN INSTALLATION IN 3/4" EMT VIA A JUNCTION BOX PRIOR TO CONNECTION TO POWER POLE TO ENERGIZE DUPLEX IN COPIER SECTION ADJACENT TO FIRE HOSE.
COMMUNICATION COMPARTMENT OF POWER POLE WILL CONTAIN 30 UTP 4-PAIR 24 AWG, CAT. 5 CABLE.
SAME AS [•] IN ⚠4

⚠6, ⚠7 HOMERUN TO POWER POLE FROM PANEL BOX WILL BE 1" EMT CONTAINING 15 - #10 AWG COPPER WIRE WITH THWN INSULATION.
ONE POWERPOLE WILL CONTAIN 15 # 10AWG WIRES IN POWER COMPARTMENT AND 30 UPT 4-PAIR 24 AWG, CAT. 5 CABLES IN COMMUNICATION COMPARTMENT.
THE OTHER POWER POLE WILL CONTAIN 30 UTP 4-PAIR 24 AWG, CAT. 5 COMMUNICATION CABLE ONLY (NO POWER).
SAME AS [•] IN ⚠4.
IN 1/2" FMC RUN 3 - #12 AWG COPPER WIRE WITH THWN INSULATION TAPPED OFF FROM EXISTING CIRCUIT IN RACEWAY TO WIREMOLD 2000 6-STRIP PLUGMOLD CAT. #V20GB306 (OR APPROVED EQUAL) IN ADJACENT CUBICLE.
MOUNT PLUGMOLD TO BASE METAL KICKBOARD.
COMMUNICATION EQUIPMENT AND INSTALLETION TO BE DETERMINED BY OWNERS DATA PERSONNEL.
IN ⚠4, ⚠5, ⚠6, ⚠7 1" EMT HOMERUN WILL CONNECT TO POWER COMPARTMENT VIA POWER POLES' JUNCTION BOX IN CEILING. JUNCTION BOX FOR COMMUNCATIONS SECTION IS OPTIONAL AND INCLUSION WILL BE LEFT AT DATA PERSONNELS DISCRETION.

⚠8 INSTALL RECTANGULAR HUBBELL FLUSH MOUNTED FLOOR BOXES TYPE (OR APPROVED EQUAL) AND ATTATCH EXISTING CIRCUITS AS INDICATED VIA 3/4" FMC.

⚠9 DIAGRAMATIC REPRESENTATION OF 6-STRIP PLUGMOLD (15A NEMA 5-15R) WITH JUNCTION BOX TO BE ADDED.

(10) DESIGNATIONS NEXT TO DEVICES DENOTE PANEL & CIRCUIT NUMBER.

SALOMON BROTHERS INC.
7 WORLD TRADE CENTER
NEW YORK, NEW YORK

LEGEND:

Symbol	Description
■□	POWER POLE WITH POWER & COMMUNICATION COMPARTMENTS
⦶	DUPLEX
⊕	QUADRUPLEX
□	COMMUNICATION/ DATA BOX
⊠	FLOOR BOX
◈	STROBE
◇	FIRE HORN
$	SWITCH
$_D	DIMMER SWITCH
Ⓢ	SMOKE DETECTOR
▭	6 STRIP PLUGMOLD
▲△	DATA/VOICE COMMUNICATION BOX (4 DATA + 2 VOICE JACKS)
—	POWER & COMMUNICATION RACEWAY

REV. #	DATE	DRAWN BY	REVISION DESCRIPTION

PowerCon
POWER CONCEPTS, L.L.C.
111 Broadway
New York, New York 10006
Tel 212-791-3011 Fax 212-791-3014

DRAWN BY	APPROVED	PROJECT NUMBER
NB	JDM	97-124

13TH FLOOR LAYOUT
POWER/COMMUNICATION
DISTRIBUTION
PROPOSED LAYOUT

7 WORLD TRADE CENTER
NEW YORK, NEW YORK 10048

SHEET		CAD FILE
2 OF 2		97124-E2
DATE	SCALE	DRAWING NUMBER
8/26/97	NONE	E2

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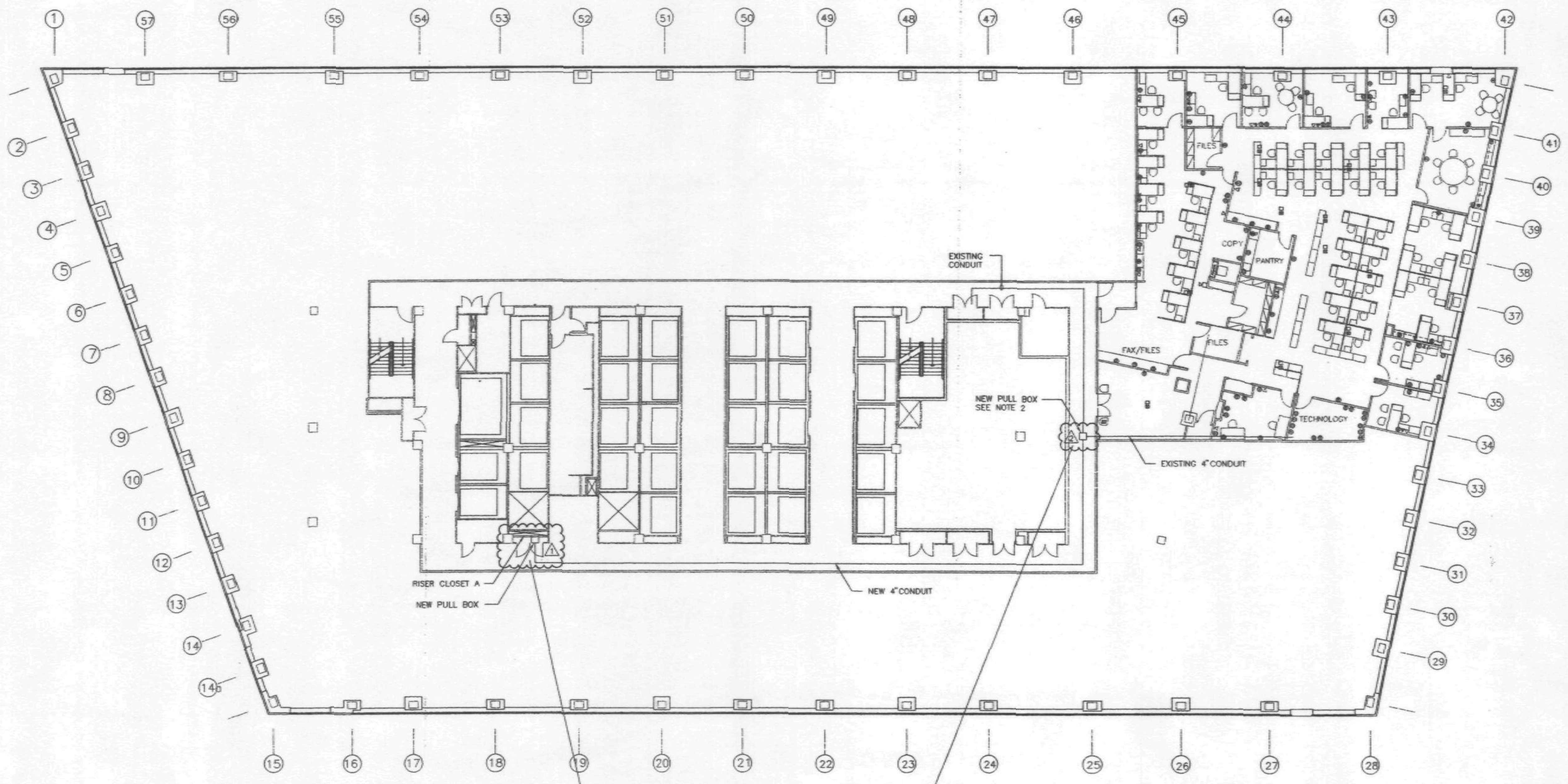
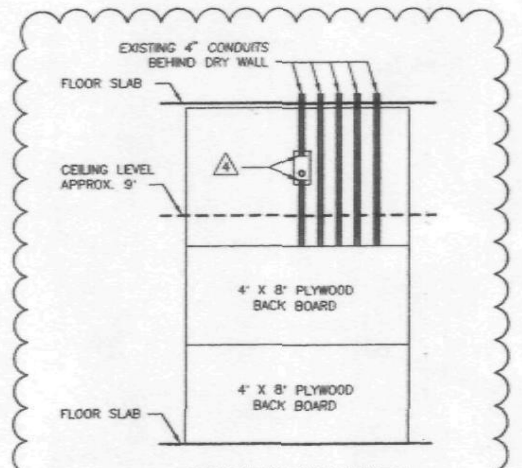
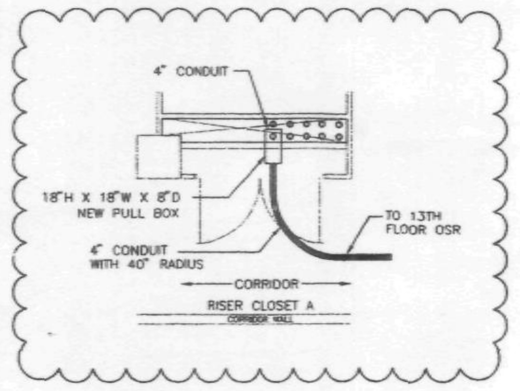
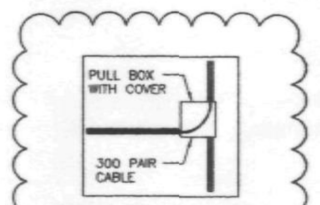




ELEVATION VIEW RISER CLOSET A





SECTIONAL VIEW RISER CLOSET A

NOTES:

1. REFER TO DETAILS FOR PULL BOX DETAIL.
2. PULL BOX DIMENSIONS 18"W X 18"H X 12"D
(3) ALL CONDUIT TO BE EMT.
4. CUT OUT FOR 4" CONDUIT AND PLACEMENT OF PULL BOX TO BE DETERMINED BY CONTRACTOR. PULL BOX SIZE WILL BE 18"H X 18"W X 8"D. DRY WALL TO BE CUT AROUND PULL BOX AS NECCESSARY.

SALOMON BROTHERS INC.
7 WORLD TRADE CENTER
NEW YORK, NEW YORK

LEGEND:

REV. #	DATE	DRAWN BY	REVISION DESCRIPTION

PowerCon
POWER CONCEPTS, L.L.C.
111 Broadway
New York, New York 10006
Tel 212-791-3011 Fax 212-791-3014

DRAWN BY	APPROVED	PROJECT NUMBER
NB	WZP	97-124

13TH FLOOR LAYOUT
COMMUNICATION CONDUIT
ROUTING PLAN VIEW

7 WORLD TRADE CENTER
NEW YORK, NEW YORK 10048

SHEET 3 OF 4		CAD FILE:
DATE 9/1/97	SCALE NONE	DRAWING NUMBER E3

PowerCon

NOTES:

⚠1 INSTALL ONE NEW SPRINKLER HEAD. CONNECT TO NEAREST AVAILABLE MAIN LINE IN ACCORDANCE WITH SPECIFICATION.
CONTRACTOR TO VERIFY FIELD CONDITIONS, PROVIDE CALCULATIONS AND FIELD VERIFIED DRAWING, FOR ENGINEERS APPROVAL PRIOR TO BEGINING OF WORK.

SALOMON BROTHERS INC.
7 WORLD TRADE CENTER
NEW YORK, NEW YORK

LEGEND:

REV. #	DATE	DRAWN BY	REVISION DESCRIPTION

PowerCon
POWER CONCEPTS, L.L.C.
111 Broadway
New York, New York 10006
Tel 212-791-3011 Fax 212-791-3014

DRAWN BY	APPROVED	PROJECT NUMBER
NB	WZP	97-124

13TH FLOOR LAYOUT
SPRINKLER CEILING PLAN

7 WORLD TRADE CENTER
NEW YORK, NEW YORK 10048

SHEET 4 OF 4		CAD FILE: 97124-E4
DATE 9/1/97	SCALE NONE	DRAWING NUMBER E4

PowerCon

WTCI-4-SOM

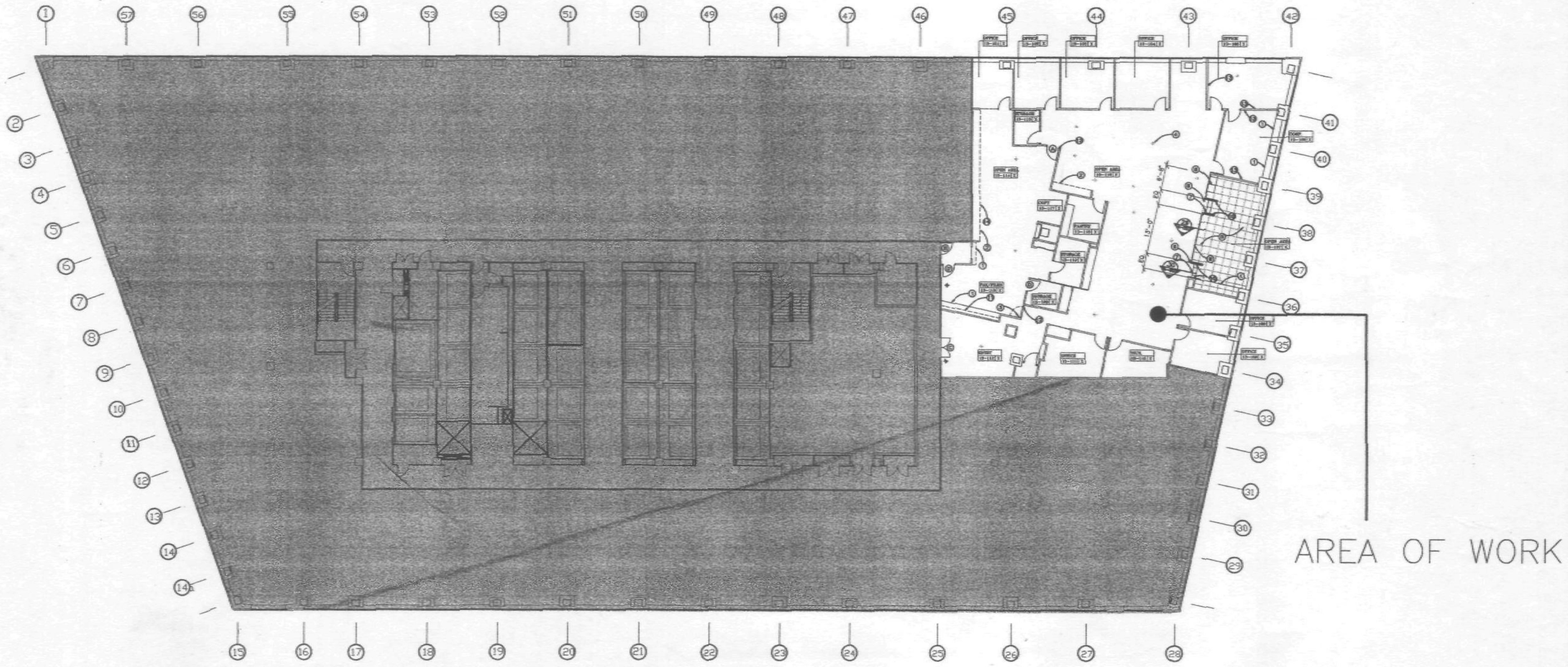
ALTERATIONS FOR 13TH FLOOR

ABBREVIATIONS

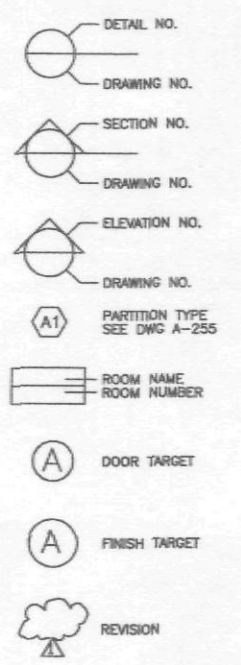
NOMENCLATURE	ABBREVIATION
A	
ABOVE FINISHED FLOOR	AFF
ACCESSIBLE TILE SYSTEM	ATS
ACOUSTIC PANEL CEILING TILE	ACT
ACOUSTICAL	ACOUST
ACOUSTICAL DOOR ASSEMBLY	AC DR ASSY (__STC)
ACOUSTICAL INSULATION	AC INSUL
ADDITIONAL	ADDL
ADHESIVE	ADH
ADJUSTABLE	ADJ
AGGREGATE	AGG
AIR CONDITIONING	AC
AIR HANDLING UNIT	AHU
ALUMINUM	AL
ANODIZED	ANOD
APPROXIMATE	APPROX
AREA DRAIN	AD
ASPHALT	ASPH
AUDIO VISUAL	A/V
AUTOMATIC	AUTO
AUXILIARY	AUX
AVERAGE	AVG
B	
BASEMENT	BSMT
BEAM	BM
BEARING PLATE	BRG PL
BETWEEN	BTW
BEVELED	BEV
BITUMINOUS	BITUM
BLOCKING	BLKG
BOARD	BD
BOTTOM OF	BOT
BOTTOM OF CURB	BC
BOTTOM OF FOOTING ELEVATION	BFE
BRICK	BRK
BRITISH THERMAL UNIT	BTU
BUILDING	BLDG
BUILT-UP ROOFING	BUR
C	
CABINET	CAB
CABINET HARDWARE	CBT HDW
CAPILLARY WATERPROOFING	CAP WP
CASEWORK	CSWK
CAST IRON	CI
CATCH BASIN	CB
CEILING	CLG
CEILING HEIGHT	CLG HT
CEMENT	CEM
CENTER	CTR
CENTERLINE	CL
CERAMIC TILE	CT
CHALKBOARD	CB
CLEANOUT	CO
CLEAR	CLR
CLOSED CIRCUIT TELEVISION	CCTV
CLOSET	CLO
COLD WATER	CW
COLUMN	COL
CONCRETE	CONC
CONCRETE MASONRY UNIT	CMU
CONFERENCE	CONF
CONSTRUCTION	CONST
CONSTRUCTION JOINT	CONST JT
CONTINUOUS	CONT
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE	COTR
CONTRACTOR	CONTR
CONTROL JOINT	CJ
CONVECTOR	CONV
CUBIC	CU
CUBIC FEET PER MINUTE	CFM
D	
DAMPER	DMPR
DAMPPROOFING	DPFG
DEAD LOAD	DL
DECIBEL	DB
DEGREE	DEG
DEPARTMENT	DEPT
DETAIL	DET
DIAGONAL	DIAG
DIAMETER	DIA
DIFFUSER	DIFF
DIMENSION	DIM
DISPENSER	DISP
DITTO	DO
DOOR	DR
DOOR FRAME	DRF
DOOR OPENING HEIGHT	DOH
DOOR OPENING WIDTH	DOW
DOUBLE	DBL
DOWN	DN
DRAIN LINE	D
DRAINAGE BOARD	DR BD
DRAWING	DWG
DUMBWAITER	DW
DUSTPROOF CONCRETE	DPF CONC
E	
EACH	EA
ELASTOMERIC	ELAST
ELASTOMERIC BEARING PAD	ELAST BRG PAD
ELASTOMERIC COATING	ELAST CT
ELASTOMERIC MEMBRANE WATERPROOFING	ELAST MEMB WP
ELECTRIC/ELECTRICAL	ELEC
ELECTRIC CLOSET	EC
ELECTRIC WATER COOLER	EWC
ELEVATION	+EL/ELEV
ELEVATOR	ELEV
EMERGENCY	EMER
ENCLOSURE	ENCL
ENTRANCE	ENTR
EQUAL	EQ
EXHAUST	EXH
EXHAUST GRATE	EG
EXISTING	EXIST OR EX
EXISTING TO BE RELOCATED	ETR
EXPANSION	EXP
EXPANSION JOINT	EXP JT
EXPOSED MECHANICAL SUSPENSION SYSTEM	EXP SUSP SYS
EXTERIOR	EXT
EXTRUDED/EXTRUSION	EXTR
F	
FABRICATE	FAB
FACE TO FACE	FTF
FAHRENHEIT	F
FEET PER MINUTE	FPM
FILTER MATERIAL	FILT MAT
FINISH	FIN
FINISH FLOOR	F FL
FINISH GRADE	FIN GR
FINNED TUBE RADIATOR	FTR
FIRE ALARM	FA
FIRE ALARM TERMINAL CABINET	FATC
FIRE DAMPER	FD
FIRE EXTINGUISHER	FE
FIRE EXTINGUISHER CABINET	FEC
FIRE HOSE CABINET	FHC
FIRE HOSE RACK	FHR
FIRE HOSE VALVE CABINET	FHVC
FIRE HYDRANT	FH
FIREPROOF	FPRF
FIRE RATED	FR
FIRE RATED ASSEMBLY (DOORS)	F.P.S.C. (__ HR.)
FIRE RETARDANT	FR
FIRE RETARDANT TREATED WOOD	FR TREATED WD
FIRE STANDPIPE	FSP
FIXTURE	FIX
FLASHING	FL
FLEXIBLE	FLEX
FLOAT GLASS	FLT GL
FLOOR	FL/FLR
FLOOR DRAIN	FD
FLOOR GRATE	FG
FLOOR SINK	FS
FLUID APPLIED WATERPROOFING	FL APP WP
FLUORESCENT	FLUOR
FLUSH MOUNTED	FL MTD
FLUSH PANEL	FL PNL
FOOD SERVICE EQUIPMENT	FSE
FOOT/FEET	FT
FOOTING	FTG
FOUNDATION	FDN
FRESH AIR INTAKE	FAI
FURRING	FURR

NOMENCLATURE	ABBREVIATION
G	
GALLON	GAL
GALLONS PER HOUR	GPM
GALLONS PER MINUTE	GPM
GALVANIZED	GALV
GALVANIZED IRON	GI
GALVANIZED STEEL	GS
GAS	G
GAUGE OR GAGE	GA
GLASS	GL
GLAZING BEAD	GL BD
GLAZING GASKET	GL GSKT
GRADE	GR
GRADE BEAM	GR BM
GRANITE	GRAN
GREASE TRAP	GT
GRILLE	GRL
GROUND	GND
GROUND TRANSPORTATION CENTER	GTC
GUTTER	GUT
GYPSUM	GYP
GYPSUM PLASTER	GYP PLAS
GYPSUM WALLBOARD	GWB
H	
HANDRAIL	HNDRL
HANDRAIL BRACKET	HNDRL BRKT
HARDBOARD	HDBD
HARDWARE	HDW
HARDWOOD	HDWD
HEAD	HD
HEADER	HDR
HEAT STRENGTHENED GLASS	HTS GL
HEATER	HTR
HEATING, VENTILATING AND AIR CONDITIONING	HVAC
HEIGHT	HT
HIGH POINT	HPT
HIGHWAY	HWY
HOLD OPEN	HO
HOLLOW METAL	HM
HOLLOW METAL DOOR	HMD
HOLLOW METAL FRAME	HM FR
HORIZONTAL	HORIZ
HORSEPOWER	HP
HOSE BIB	HB
HOSE CABINET	HC
HOT & COLD WATER	H&CW
HOUR	HR
HOUSEKEEPING PAD (CONC)	HKP
HYDRANT	HYD
I	
INCH/INCHES	IN
INCLUDE/INCLUSIVE	INCL
INFORMATION	INFO
INSIDE DIAMETER	ID
INSIDE PIPE SIZE	IPS
INSULATED PANEL	INSUL PNL
INSULATED ROOF MEMBRANE ASSEMBLY	INSUL ROOF MEMB ASSY
INSULATION	INSUL
INTERCOMMUNICATION	INTERCOM
INTERIOR	INTR
INVERT ELEVATION	INV EL
IRON PIPE	IP
ISOLATION	ISLN
ISOLATION MEMBRANE	ISOL MEMB
J	
JANITOR	JTR
JANITOR'S CLOSET	JC
JOINT	JT
JOIST	J
JOIST HANGER	JH
JUNCTION BOX	JB
K	
KICKPLATE	KPL
KIP	K
KNOCKDOWN	KD
KNOCKOUT	KO
L	
LABORATORY	LAB
LAMINATED	LAM
LAMINATED GLASS	LAM GL
LAVATORY	LAV
LIGHT	LT
LIGHTING	LTG
LIGHTWEIGHT CONCRETE	LWC
LIGHTWEIGHT CONCRETE FILL	LWC FILL
LIVE LOAD	LL
LOAD BEARING	LDBRG
LONGITUDINAL	LONG
LONG LEG HORIZONTAL	LLH
LONG LEG VERTICAL	LLV
LOUVER	LVR
LOW POINT	LP
M	
MACHINE	MACH
MAINTAIN/MAINTENANCE	MAINT
MANHOLE	MH
MANUFACTURER	MFG
MASONRY	MSNRY
MASONRY OPENING	MO
MASTERKEY/MASTERKEYED	MKD
MATCH EXISTING	ME
MATERIAL	MATL
MAXIMUM	MAX
MECHANICAL	MECH
MEDIUM	MDM
MEMBRANE	MEMB
MEMBRANE WATERPROOFING	MWP
METAL	MTL
METAL CORNER BEAD	MCB
METAL DIVIDING STRIP	MDS
METAL FLASHING	MTL FL TYPE ( )
METAL FURRING CHANNEL	MTL FUR CHANNEL
METAL LATH	ML
METAL PAN ACOUSTIC TILE	MTL PAN ACT
METAL REINFORCEMENT	MTL REINF
METAL RUNNER	MTL RUNNER
METAL STUD	MS
METAL SUB-BASE	MTL SUB-BASE
METAL TOILET PARTITION	MTP
METAL TRIM	MTL TRIM
METALLIC	MTLC
METALLIC GROUT	MET GT
MEZZANINE	MEZZ
MILLWORK	MLWK
MINIMUM	MIN
MISCELLANEOUS	MISC
MISCELLANEOUS METAL	MISC MTL
MOLDING	MLDG
MONUMENT	MON
MORTAR	MTR
MOUNTED	MTD
MOUNTING	MTG
MOUNTING HEIGHT	MTGH
MULLION	MUL
N	
NOMINAL	NOM
NON-METALLIC GROUT	NONMET GT
NOT IN CONTRACT	NIC
NOT TO SCALE	NTS
NUMBER	NO
O	
OFFICE	OFCE
ON CENTER	OC
OPENING	OPNG/OPG
OPEN WEB STEEL JOIST	OWSJ
OPERATING	OPR
OPPOSITE	OPP
OPPOSITE HAND	O.H.
OUNCE	OZ
OUTLET	OUT
OUTSIDE AIR	OA
OUTSIDE DIAMETER	OD
OUTSIDE FACE	OF
P	
PAINTED	PTD

NOMENCLATURE	ABBREVIATION
PAIR	PR
PANEL	PNL
PARTITION	PTN
PAVEMENT	PVMT
PERFORATED	PERF
PHASE	PH
PITCH	P
PLANT	PLT
PLASTER	PLAS
PLASTER CONTROL JOINT	PCT
PLASTIC LAMINATE	P LAM
PLATE	PL
PLATE GLASS	PL GL
PLENUM BARRIER	PB
PLUMBING	PLMB
POINT	PT
POLISHED	POL
POLYVINYL CHLORIDE	PVC
PORCELAIN	PORC
PORCELAIN ENAMEL	PE
PORTLAND CEMENT PLASTER	PC PLAS
POUNDS	LBS
POUNDS PER SQUARE FOOT	PSF
POUNDS PER SQUARE INCH	PSI
PREFABRICATED	PREFAB
PREFORMED FILLER STRIP	PMFS
PRESERVATIVE TREATED WOOD	PTWD
PROJECTED	PROJ
PUBLIC ADDRESS	PA
Q	
QUANTITY	QTY
QUARRY TILE	QT
R	
RADIATOR	RDTR
RADIUS	RAD
RECEPTACLE	RCPT
RECESSED	REC
REFERENCE	REF
REFLECTED	REFL'D
REFRIGERATOR	REFR
REGISTER	RGTR
REINFORCED CONCRETE	RC
REINFORCED CONCRETE MASONRY UNIT	REINF CMU
REINFORCED CONCRETE PIPE	RCP
REINFORCEMENT/REINFORCING	REINF
REINFORCEMENT BAR	REBAR
REQUIRED	REQD
RESILIENT BASE	RB
RESIN MATRIX	REM
RESINOUS COATING	RES CT
RETURN	RTN
RETURN AIR	RA
REVISED/REVISION	REV
REVOLUTIONS PER MINUTE	RPM
RIGHT OF WAY	R/W
RISER	R
ROOF DRAIN	RD
ROOFING	RFG
ROOF INSULATION	ROOF INSUL
ROOM	RM
ROUGH OPENING	RO
ROUGH SLAB	RS
ROUND	RND
RUBBER	RBR
S	
SANITARY	SAN
SANITARY NAPKIN DISPOSAL	SND
SANITARY NAPKIN RECEPTACLE	SNR
SANITARY SEWER MANHOLE	SSMH
SCHEDULE/SCHEDULED	SCHED
SCORED JOINT	SJ
SECONDARY	SEC
SECTION	SECT
SERVICE SINK	SS
SHEATHING	SHTHG
SHEET	SH
SHEET METAL SCREW	SMS
SHELVING/SHELF/SHELVES	SH
SIDEWALK	SW
SIMILAR	SIM
SINK	S
SLAB CONTROL JOINT	SCJ
SLIDE/SLIDING	SL
SOIL SEPARATOR	SOIL SEP
SOUND ATTENUATING FIRE BLANKETS	SAFB
SOUND TRANSMISSION CLASS	STC
SPECIFICATION	SPEC
SPREAD	SPR
SQUARE FOOT	SQ FT
STAGGERED	STAG
STAINLESS STEEL	SST
STANDARD	STD
STANDPIPE	SP
STEEL	STL
STEEL JOIST	STLJ
STORM DRAIN	STD
STORM DRAIN MANHOLE	SDMH
STRUCTURAL/STRUCTURE	STR
SUPPLY AIR	SA
SUSPENDED/SUSPENSION	SUSP
T	
TACKBOARD	TB
TELEPHONE	TEL
TELEVISION	TV
TEMPERATURE	TEMP
TEMPERED GLASS	TMP GL
TERRAZZO	TER
THERMOSTAT	THERMO
TOILET ACCESSORY	TA
TOILET PAPER HOLDER	TPH
TONGUE AND GROOVE	T&G
TOP AND BOTTOM	T&B
TOP OF	TO
TOP OF CONCRETE	TC
TOP OF CURB	TOC
TOP OF FOOTING ELEVATION	TFE
TOP OF STEEL	TOS
TOPOGRAPHY MAP	TOPO
TRANSFORMER	XFMR
TYPICAL	TYP
U	
UNDERCUT	UC
UNFINISHED	UNFIN
UNLESS NOTED OTHERWISE	UNO
URINAL	UR
UTILITY	UTIL
V	
VACUUM	VAC
VENEER	VEN
VENT	V
VERIFY IN FIELD	VIF
VERTICAL	VERT
VESTIBULE	VEST
VINYL COMPOSITION TILE	VCT
VINYL REDUCER STRIP	VRS
VINYL TILE	VT
VINYL WALL COVERING	VWC
VOLUME	VOL
W	
WALL HYDRANT	WH
WATER CLOSET	WC
WATER FOUNTAIN	WF
WATERPROOFING	WPFG OR WP
WATER RESISTANT	WR
WEATHERSTRIP	WSP
WEIGHT	WT
WELDED WIRE FABRIC	WWF
WIDE FLANGE	W
WIRE GLASS	WGL
WITH	W/
WITHOUT	W/O
WOOD	WD
WOOD BLOCKING	WD BLKG
WOOD DOOR	WD DR
Y	
YARD	YD
YARD CLEANOUT	YCO



TARGET SYMBOLS



CONTROLLED INSPECTIONS

THE FOLLOWING ITEM OF WORK IS SUBJECT TO CONTROLLED INSPECTION PER THE BUILDING CODE OF THE CITY OF NEW YORK :

1. MECHANICAL/VENTILATION (27-779)
2. SPRINKLER (27-967)
3. PLUMBING
4. FIRE ALARM
5. FINAL INSPECTION (DIRECTIVE 14)

GENERAL NOTES:

1. TO THE EXTENT POSSIBLE, THE PROPOSED DESIGN COMPLIES WITH THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT, PL-101-336."
2. WOOD AND/OR WOOD PRODUCTS SHALL BE FIRE RETARDANT, AS PER NYC BUILDING CODE SECTION 27-328; AND FIRE RETARDANT WOOD SHALL BEAR THE IDENTIFICATION OF A CERTIFIED TESTING LABORATORY CERTIFYING ITS PERFORMANCE IN ACCORDANCE WITH NYC BUILDING CODE 27-131.

DRAWING LIST

ARCHITECTURAL DRAWINGS:

T-13	13TH FLOOR TITLE PLAN
TA-13	FLOOR PLAN
PC-13	POWER AND COMMUNICATION PLAN
TA-313	REFLECTED CEILING PLAN
A-503	MISC. DETAILS

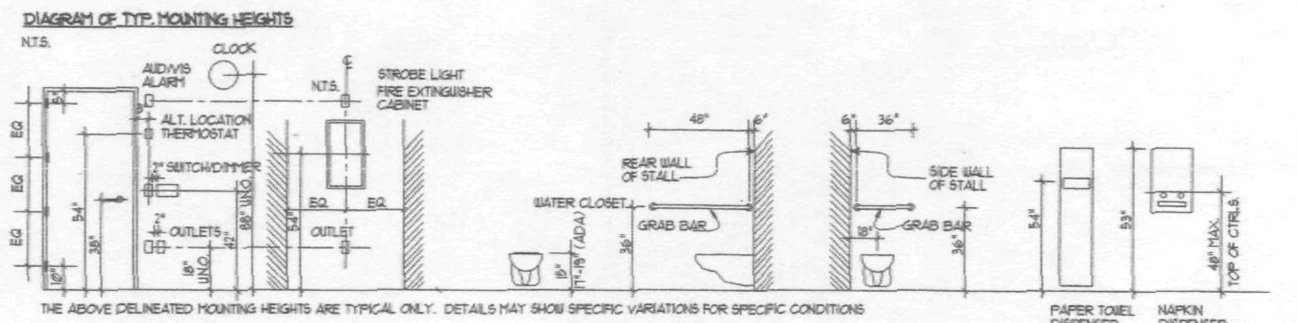
ENGINEERING DRAWINGS:

E-1	EXISTING CONDITIONS AND DEMOLITION
E-2	POWER COMMUNICATION DISTRIBUTION
E-3	COMMUNICATION CONDUIT ROUTING ROOM
E-4	SPRINKLER CEILING PLAN

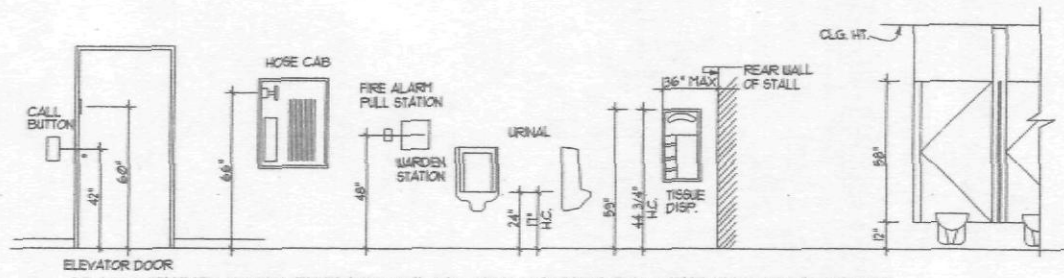
1. NO SIGN/SEAL ON POWERCOM DWG

DIAGRAM OF TYP. MOUNTING HEIGHTS

N.T.S.



THE ABOVE DELINEATED MOUNTING HEIGHTS ARE TYPICAL ONLY. DETAILS MAY SHOW SPECIFIC VARIATIONS FOR SPECIFIC CONDITIONS



THE ABOVE DELINEATED MOUNTING HEIGHTS ARE TYPICAL ONLY. DETAILS MAY SHOW SPECIFIC VARIATIONS FOR SPECIFIC CONDITIONS

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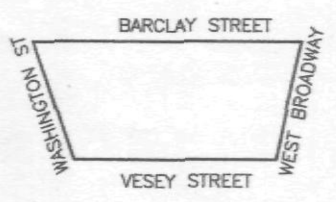
NEW YORK, NEW YORK 10048



KEY PLAN

LEGEND

No.	Date:	REVISION:
	2 SEPT 97	ISSUED FOR TENANT ALT.

SOM

SKIDMORE, OWINGS & MERRILL
ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

FLACK AND KURTZ
Mechanical / Electrical Engineers
475 Fifth Avenue, New York, N.Y. 10018

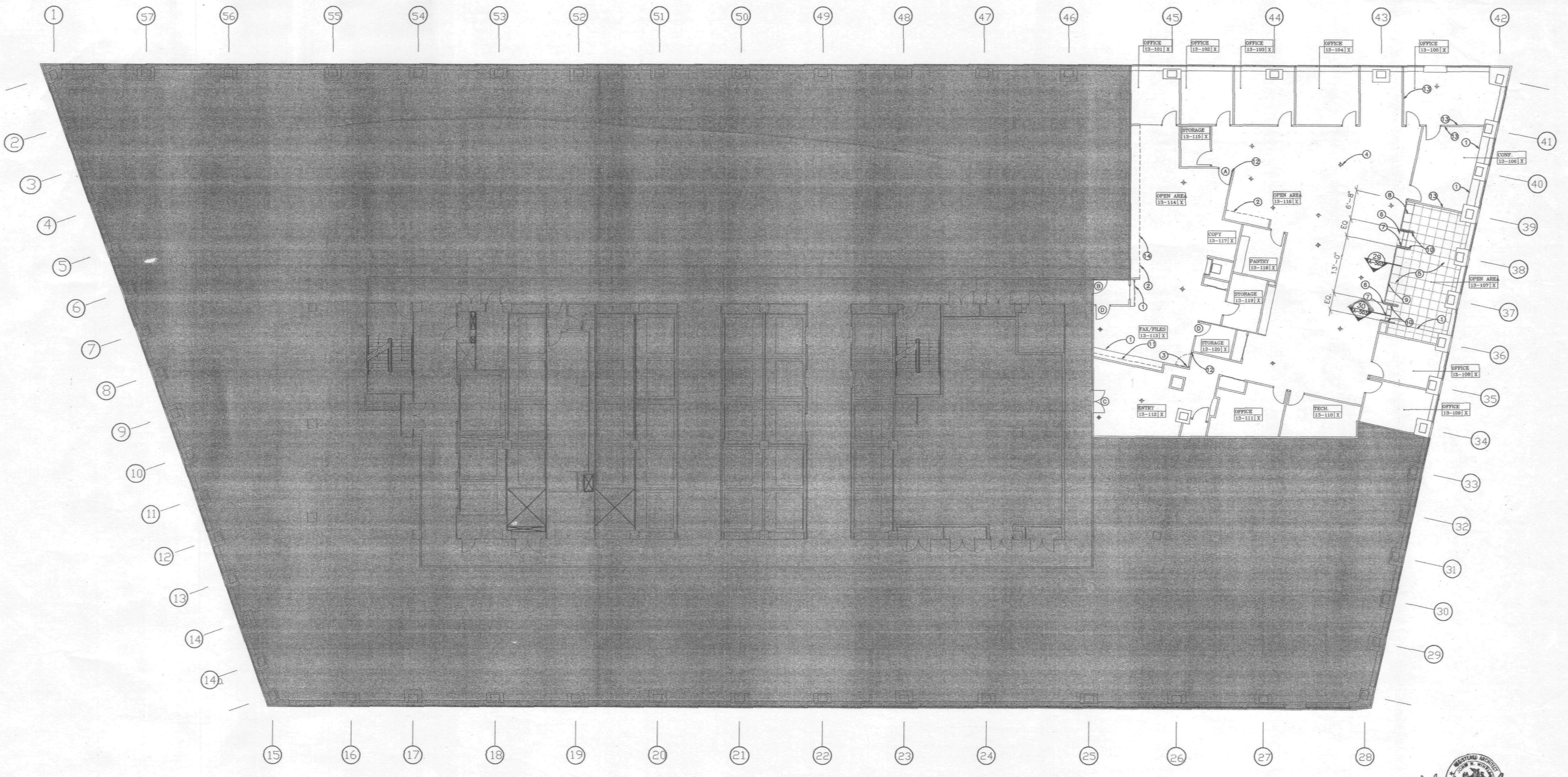
13TH FLOOR
TITLE PLAN

-RENOVATIONS-

Skidmore, Owings & Merrill LLP, 1996

Project No.: 6234-628
Date: 2 SEPT 97
Scale: NO SCALE
Sheet No. T-13

WTCI-4-SOM



1. 13TH FLOOR PLAN
SCALE: 1/8"=1'-0"

DOOR INFORMATION:

(A) EXISTING HM DOOR AND FRAME TO REMAIN; REMOVE EXISTING HARDWARE; REPLACE WITH:
LOCK = LGA
CLOSER = CAA
STOP = SAA

(B) EXISTING HM DOOR AND FRAME TO REMAIN; REPLACE DOOR STRIKE = ABD

(C) NEW DOUBLE HM DOORS IN EXISTING FRAME TO REMAIN; REPLACE EXISITING DOOR STRIKE AT INACTIVE LEAF: DOORS TO HAVE 1-1/2 HOUR FIRE RATING.
HINGES = HAB & HAF
STRIKE = ABD
LOCK = RELOCATED EXISTING
CLOSERT = CAA
FLUSH BOLTS = LFB
STOP = SAA

(D) EXISTING DOOR TO REMAIN; REPLACE LOCKSET :
LOCK = LAA

HARDWARE NOTES:

1. SEE SPECIFICATION SECTION 08711 FOR MORE INFORMATION REGARDING HARDWARE DESIGNATIONS.
2. ALL DOOR ASSEMBLIES NOT OTHERWISE MARKED ARE TO BE ASSUMED TO BE EXISTING TO REMAIN.
3. PROVIDE LOCKSETS WITHOUT CYLINDERS. COORDINATE CYLINDER INSTALLATION WITH SBI.

NOTES:

(1) EXISTING COUNTER TO REMAIN.
(2) EXISTING COUNTER TO BE REMOVED.
(3) REMOVE EXISTING DOOR & FRAME; CLOSE OPENING WITH CONSTRUCTION TO MATCH EXISTING FLUSH WITH ADJACENT PARTITION.
(4) EXISTING FLOOR POKE THROUGH TO BE REMOVED; FILL HOLE TO PROVIDE REQ'D. FIRE RATING: REPAIR/PATCH EXISTING FINISH TO MATCH.
(5) EXISTING RAISED FLOOR TO REMAIN
(6) EXISTING RAISED FLOOR TO BE REMOVED.
(7) NEW STEP TO RAISED FLOOR
(8) NEW RAISED FLOOR TO MATCH EXISTING
(9) REPLACE EXISTING RAILING WITH NEW RAILING.
(10) NEW HANDRAIL
(11) EXISTING ADJUST. SHELVES ABOVE COUNTER TO REMAIN.
(12) REMOVE EXISTING WALL MOUNTED KEYPAD; PATCH WALL AS REQUIRED.
(13) REMOVE EXISTING VWC: PREPARE AND PAINT WALLS TO MATCH EXISTING ADJACENT WALLS.
(14) PATCH WALLS AS REQ'D. AND REPAINT TO MATCH ADJACENT FINISHES WHERE COUNTERS HAVE BEEN REMOVED.

GENERAL NOTES:

1. ALL PARTITIONS ARE EXISTING TO REMAIN.
2. ALL DOORS AND FRAMES ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.

FINISH NOTES:

1. ALL NEW FINISHES ARE TO MATCH EXISTING FINISHES IN SIMILAR CONTIGUOUS SPACES.
2. CONTRACTOR TO VERIFY IN FIELD AND NOTIFY "OWNER" OF ANY VARIATION PRIOR TO APPLICATION.
3. REFER TO SPECIFICATIONS; DIVISION 9 FOR DEFINITION OF FINISHES.
4. PROVIDE FIRESTOPPING @ ALL PENETRATIONS THROUGH RATED WALL AND FLOOR CONSTRUCTION.

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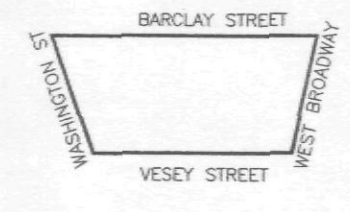
NEW YORK, NEW YORK 10048



KEY PLAN

LEGEND

- AREA OF EXISTING CONSTRUCTION TO REMAIN
- EXISTING RAISED FLOOR
- NEW RAISED FLOOR
- DOOR INDENTIFICATION TAG (SEE NOTES ON PLAN). NEW PARTITION AND DOOR ASSEMBLY
- GWB PARTITION IDENTIFICATION TAG (SEE NOTES ON PLAN).
- DEMOUNTABLE WALL PARTITION AND DOOR ASSEMBLY.
- EXISTING CONSTRUCTION TO BE DEMOLISHED.
- EXISTING PARTITION AND DOOR TO REMAIN. (MODIFICATIONS MAY BE REQUIRED, SEE PLAN.)
- EXISTING RAISED TO BE REMOVED
- EXISTING POKE THROUGH TO BE REMOVED
- EXISTING POKE THROUGH TO REMAIN

No.	Date:	Revision:
	9-2-97	ISSUED FOR TENANT ALT.

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ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

POWER CON
Electrical Engineers
111 Broadway, New York, N.Y. 10006

13TH FLOOR PLAN

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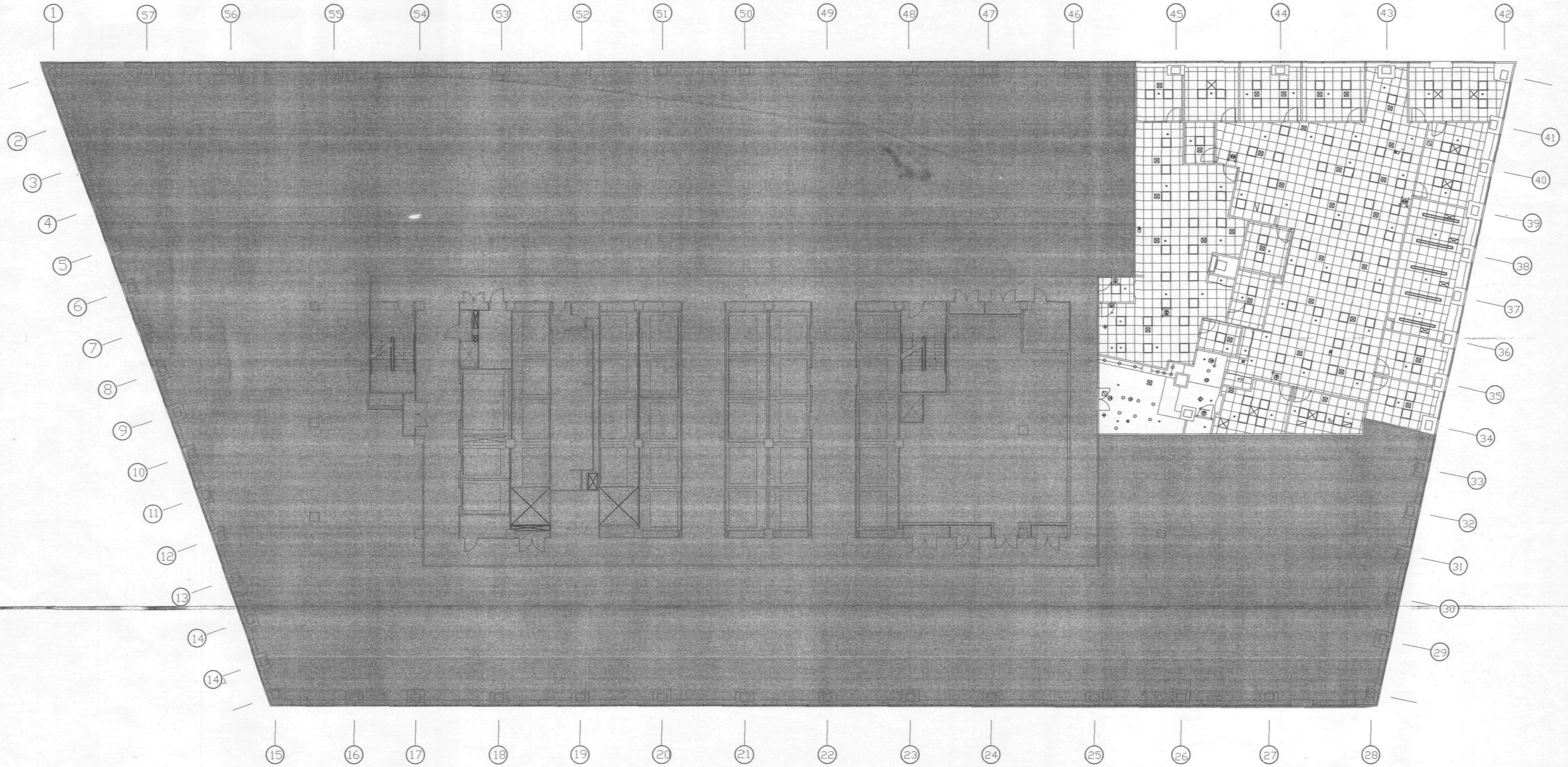
Project No.: 3462-628
Date:
Scale: 1/8"=1'-0"
Sheet No. TA-13



1\. 13TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTE

ALL CEILINGS, DIFFUSERS, LIGHTING, SPRINKLERS, ETC., ARE EXISTING TO REMAIN, UNLESS NOTED OTHERWISE.

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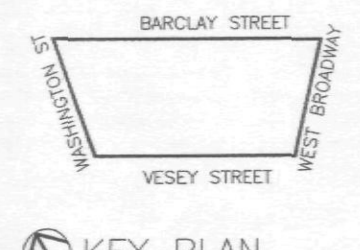

KEY PLAN

LEGEND

- ACOUSTIC TILE CEILING GRID (ACT-1) WI
- (E) 8" X 5'-0" RECESSED LIGHTING (EXISTING)
- DOWNLIGHT TO REMAIN
- DOWNLIGHT TO BE REMOVED
- (R) DOWNLIGHT TO BE RELOCATED
- (N) DOWNLIGHT TO MATCH EXISTING
- EXIT LIGHT. CEILING MNTD.
- EMERGENCY LIGHT
- SPEAKER STROBE
- LINEAR DIFFUSER
- SUPPLY AIR DIFFUSER
- GWB CEILING CONSTRUCTION
- SP CEILING GRID STARTING POINT
- WALL MOUNTED UTILITY FIXTURE
- WALL MOUNTED UTILITY FIXTURE
- SD SMOKE DETECTOR
- POWER POLE (FROM CEILING TO FLOOR)
- ACOUSTIC TILE CEILING GRID (ACT - 9)
- SPRINKLER (EXISTING)
- N SPRINKLER (NEW)
- RETURN AIR GRILLE
- RECESSED CANOPY FOR CEILING FIXTURE
- PENDANT UPLIGHT (EXIST)

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13TH FLOOR
REFL. CEILING PLAN

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Project No.: 6234-628
Date:
Scale: 1/8"=1'-0"
Sheet No. TA-313

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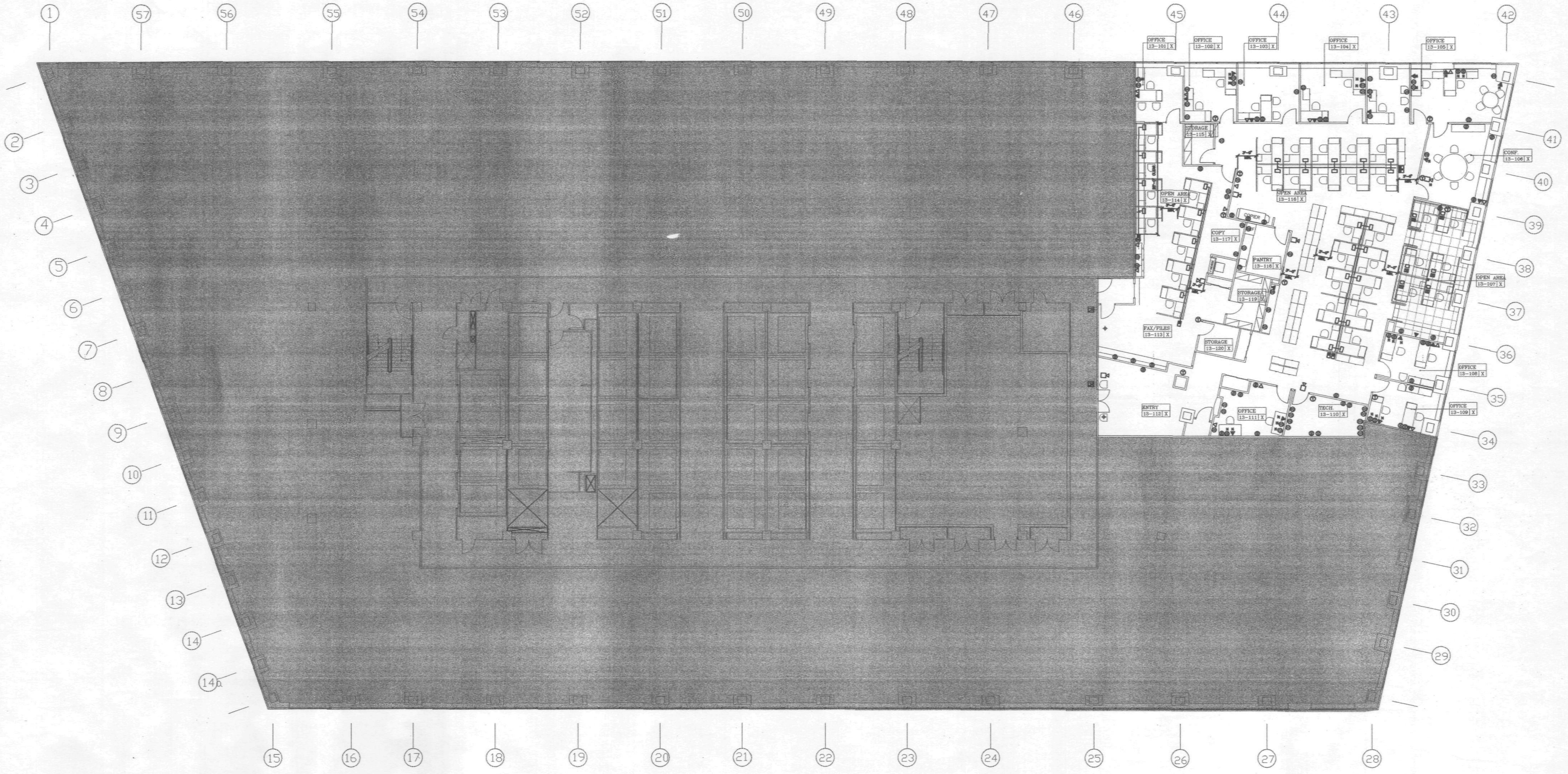

1. 13TH FLOOR POWER & COMMUNICATIONS PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES:

1. ALL WALL OUTLETS FEEDING WORKSTATIONS ARE TO BE RAISED 34" A.F.F.
2. ALL NEW OUTLETS FEEDING WORKSTATIONS ARE TO BE LOCATED 34" A.F.F.

~~PRELIMINARY~~

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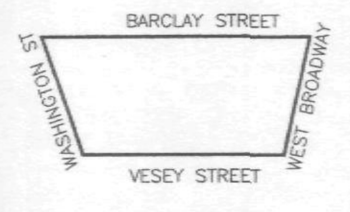

KEY PLAN

LEGEND

- SINGLE RECEPTICLE
- WALL (ELECTRONIC SINGLE DUPLEX)
- WALL (ELECTRONIC DOUBLE DUPLEX)
- WALL (DATA)
- WALL (VOICE)
- WALL (VOICE/DATA)
- PLUGMOLD
- SECURITY RELEASE BUTTON (N.I.C.)
- CLOCK
- FLUSH MTD. FLOOR BOX POWER & COMMUNICATIONS
- NEW FLUSH MTD. FLOOR BOX – POWER @ RAISED FLOOR
- NEW FLUSH MTD. FLOOR BOX – COMM. @ RAISED FLOOR
- EXIST. SPEAKER /STROBE
- NEW SPEAKER/STROBE TO MATCH EXIST.
- SURFACE MTD. POWER/COMM RACEWAY W/6 POWER RECEPTACLES + DATA + COMMUNICATION OUTLET GROUP PER DESK
- NEW POWER POLLS, VERIFY LOCATIONS IN FIELD
- EXISTING POKE~ THROUGH TO BE REMOVED
- EXISTING POKE~ THROUGH TO BE REMAIN
- NEW WALL MTD DUPLEX RECEPTICLE
- NEW WALL (DATA)
- NEW WALL (VOICE)
- NEW WALL (VOICE/DATA)

No.	Date:	REVISION:
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13TH FLOOR POWER AND COMMUNICATIONS PLAN

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Project No.: 6234-628
Date:
Scale: 1/8"=1'-0"
Sheet No. PC-13

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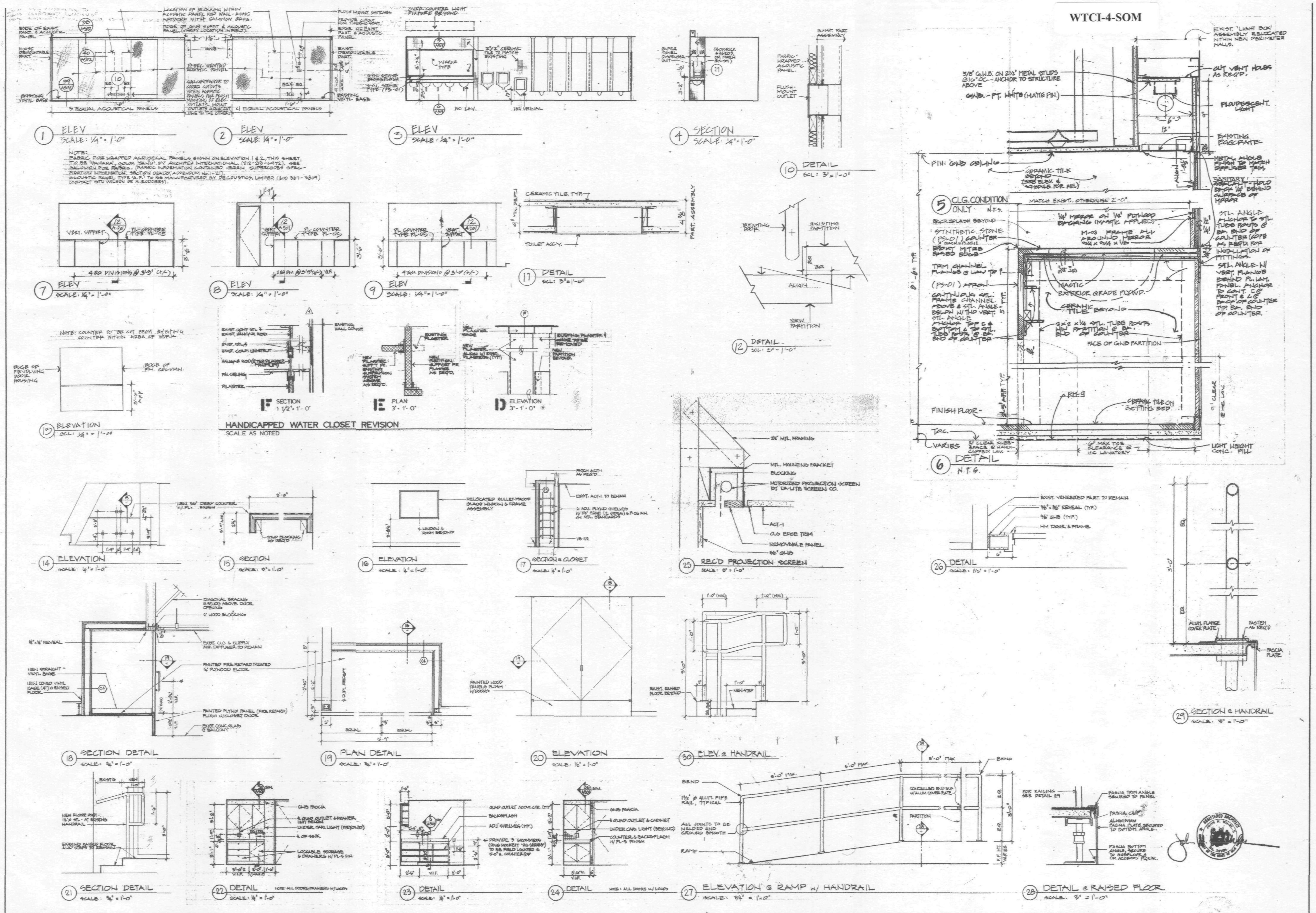

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BARCLAY STREET
WEST BROADWAY
VESEY STREET
KEY PLAN

NOTES

LEGEND

No.	Date	Revision
	1 SEPT 97	ISSUED FOR TENANT ALT.
	16 JUNE 97	ISSUED FOR TENANT ALT.
	21 OCT 96	ISSUED FOR TENANT ALT.
	12 APRIL 96	ISSUED FOR TENANT ALT.
	7 AUG 95	ISSUE FOR TENANT ALTERATION
	27 JAN 95	ISSUED FOR TENANT ALTERATIONS
	11/16/94	ISSUED FOR TENANT ALT.
	10/26/94	ISSUED FOR TENANT ALT.
	10/07/94	ISSUED FOR TENANT ALT.
1	10/05/94	ISSUED FOR TENANT ALT.

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FLACK AND KURTZ
Mechanical / Electrical Engineers
475 Fifth Avenue, New York, N.Y. 10016

IRWIN G. CANTOR P.C.
Structural Engineers
219 East 42nd St., New York, N.Y. 10017

MISCELLANEOUS DETAILS

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Date
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A-503

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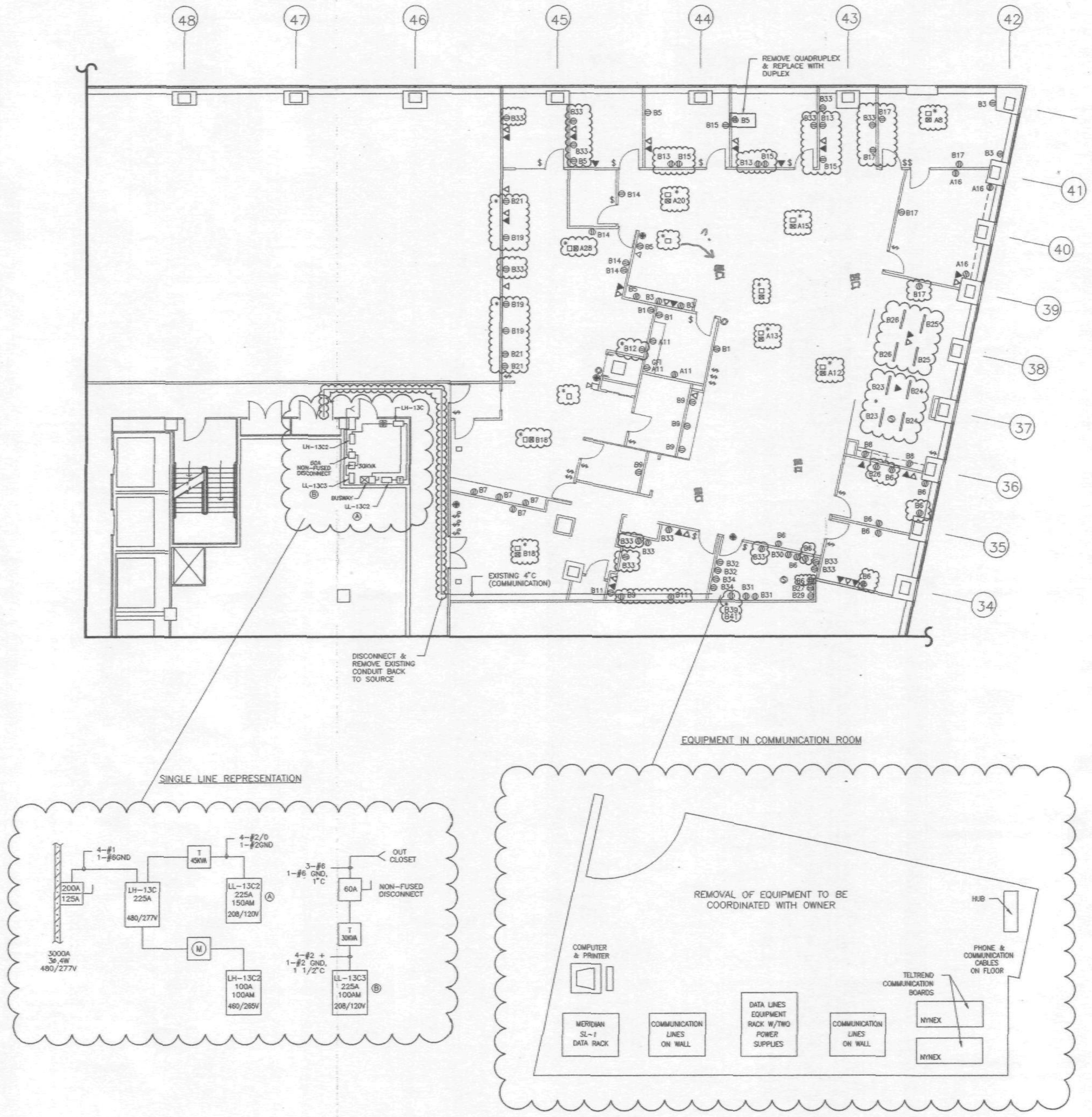

DEMOLITION NOTES:

(1) DISCONNECT & REMOVE ALL RECEPTACLES IN BUBBLED–IN AREAS, CONCEAL RECEPTACLES OPENINGS WITH BLANK FACEPLATES, AND SAFE–OFF CIRCUITS BACK TO PULL/JUNCTION BOX.

(2) DISCONNECT & REMOVE RECEPTACLES AND FLOOR BOXES IN BUBBLED–IN AREAS WITH ASTERISK *. FILL AND PATCH AREAS AFTER FLOOR BOXES HAVE BEEN REMOVED. SAFE–OFF CIRCUITS BACK TO PANEL BOX IN ELECTRIC CLOSET C.

LEGEND:

- PHONE/ COMMUNICATION LINES
- DATA LINES
- DUPLEX
- QUADRUPLEX
- COMMUNICATION/ DATA BOX
- FLOOR BOX
- STROBE
- FIRE HORN
- SWITCH
- DIMMER SWITCH
- 6 STRIP PLUGMOLD
- SMOKE DETECTOR

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PowerCon
POWER CONCEPTS, L.L.C.
111 Broadway
New York, New York 10006
Tel 212-791-3011 Fax 212-791-3014

DRAWN BY	APPROVED	PROJECT NUMBER
NB	JDM	97-124

13TH FLOOR LAYOUT
EXISTING CONDITIONS
& DEMOLITION PLAN

7 WORLD TRADE CENTER
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SHEET 1 OF 2		CAD FILE: 97124-E1
DATE 8/11/97	SCALE NONE	DRAWING NUMBER E1

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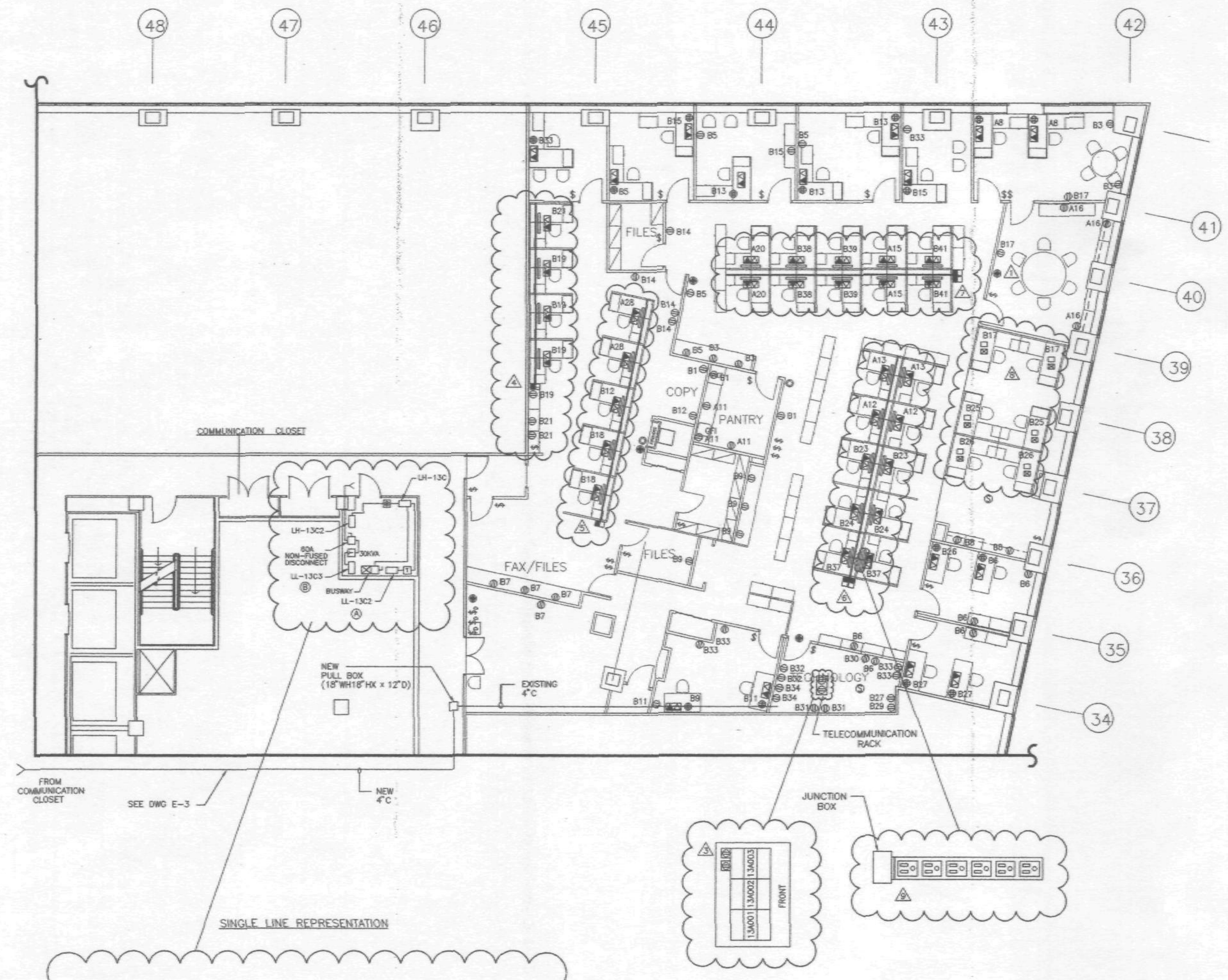
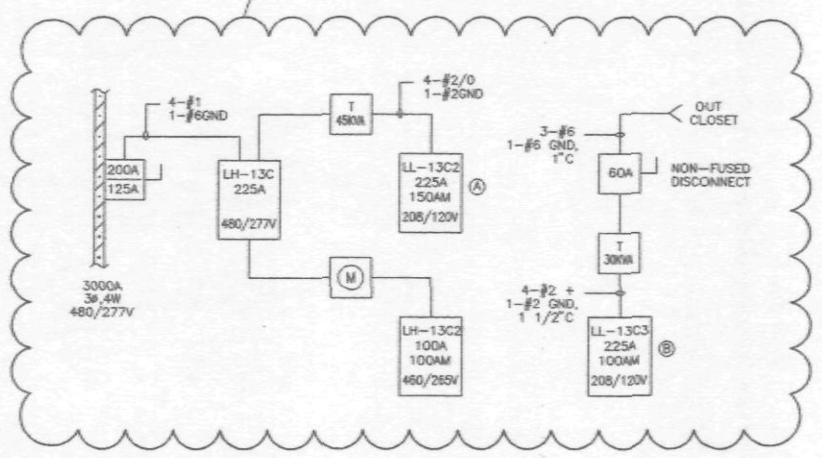


SINGLE LINE REPRESENTATION



INTENT:

TO RECONFIGURE EXISTING CIRCUITS IN ORDER TO ACCOMODATE NEW POWER/ COMMUNICATION DISTRIBUTION LAYOUT.
EACH DESK REQUIRES A 6-STRIP PLUGMOLD AND A COMMUNICATION BOX CONSISTING OF 4 DATA AND 2 VOICE JACKS UNLESS NOTED OTHERWISE.

NOTES:

(1) INSTALL NEW STROBE TO MATCH EXISTING AND TIE INTO EXISTING FIRE ALARM SYSTEM.

(2) IN PERIMETER OFFICES, QUADRUPLEXES WILL BE INSTALLED FLUSH WALL MOUNTED 42" FROM FLOOR FINISH ABOVE FURNITURE. USING EXISTING CIRCUITS AS INDICATED.

(3) PROVIDE (2) NEW DEDICATED 20 AMP TWIST-LOCK RECEPTACLES ON THE REAR OF RACK 13A003. CIRCUIT DESIGNATIONS TO BE DETERMINED. MOUNT RECEPTACLES FACE UP IN SURFACE MOUNTED BACKBOX. BACKBOXES TO BE SECURED TO BACK OF RACKS.

(4) HOMERUN TO POWERPOLE FROM PANEL BOX WILL BE 1" ELECTRICAL METALLIC TUBING (EMT) CONTAINING 6-#10AWG COPPER WIRE W/THWN INSULATION. BRANCH OUT CIRCUITS USING 3 SETS OF 3-#12AWG COPPER WIRE WITH THWN INSULATION IN 3/4" EMT VIA A JUNCTION BOX PRIOR CONNECTION TO POWER POLE TO ENERGIZE 3 DUPLEXES NEAR FILE CABINETS.
COMMUNICATION COMPARTMENT OF POWER POLE WILL CONTAIN 24 UTP 4-PAIR AWG, CAT. 5 CABLE.
* CONNECTION FROM POWER POLE TO RACEWAY WILL BE VIA FLEXIBLE METALLIC CONDUIT (FMC).
SIZE MULTIPLE FMC AND KNOCKOUTS TO ACCOMODATE APPROPRIATE NUMBER OF POWER AND COMMUNICATION CABLES AS REQUIRED FOR INSTALLATION.
IN RACEWAY USE #12 AWG COPPER WIRE WITH THWN INSULATION TO FEED PLUGSTRIPS.
USE WIREMOLD (5500 SERIES) DEVICE BRACKETS FACEPLATE ACCESSORIES 5507, 5507B, 5507D, 5507RJ, 5506B, 551C, 5510D, OR APPROVED EQUALS AS NEEDED.
COMMUNICATION EQUIPMENT AND INSTALLATION TO BE DETERMINED BY OWNERS DATA PERSONNEL.

(5) HOMERUN TO POWER POLE FROM PANEL BOX WILL BE 1" EMT CONTAINING 9-#10 AWG COPPER WIRE WITH THWN INSULATION.
BRANCH OUT CIRCUIT #B12 USING 3-#12 AWG COPPER WIRE WITH THWN INSTALLATION IN 3/4" EMT VIA A JUNCTION BOX PRIOR TO CONNECTION TO POWER POLE TO ENERGIZE DUPLEX IN COPIER SECTION ADJACENT TO FIRE HOSE.
COMMUNICATION COMPARTMENT OF POWER POLE WILL CONTAIN 30 UTP 4-PAIR 24 AWG, CAT. 5 CABLE.
SAME AS [*] IN (4).

(6), (7) HOMERUN TO POWER POLE FROM PANEL BOX WILL BE 1" EMT CONTAINING 15 - #10 AWG COPPER WIRE WITH THWN INSULATION.
ONE POWERPOLE WILL CONTAIN 15 # 10AWG WIRES IN POWER COMPARTMENT AND 30 UPT 4-PAIR 24 AWG, CAT. 5 CABLES IN COMMUNICATION COMPARTMENT.
THE OTHER POWER POLE WILL CONTAIN 30 UTP 4-PAIR 24 AWG, CAT. 5 COMMUNICATION CABLE ONLY (NO POWER).
SAME AS [*] IN (4).
IN 1/2" FMC RUN 3 - #12 AWG COPPER WIRE WITH THWN INSULATION TAPPED OFF FROM EXISTING CIRCUIT IN RACEWAY TO WIREMOLD 2000 6-STRIP PLUGMOLD CAT. #V20GB306 (OR APPROVED EQUAL) IN ADJACENT CUBICLE.
MOUNT PLUGMOLD TO BASE METAL KICKBOARD.
COMMUNICATION EQUIPMENT AND INSTALLETION TO BE DETERMINED BY OWNERS DATA PERSONNEL.
IN (4), (5), (6), (7) 1" EMT HOMERUN WILL CONNECT TO POWER COMPARTMENT VIA POWER POLES' JUNCTION BOX IN CEILING. JUNCTION BOX FOR COMMUNICATIONS SECTION IS OPTIONAL AND INCLUSION WILL BE LEFT AT DATA PERSONNELS DISCRETION.

(8) INSTALL RECTANGULAR HUBBELL FLUSH MOUNTED FLOOR BOXES TYPE (OR APPROVED EQUAL) AND ATTATCH EXISTING CIRCUITS AS INDICATED VIA 3/4" FMC.

(9) DIAGRAMATIC REPRESENTATION OF 6-STRIP PLUGMOLD (15A NEMA 5-15R) WITH JUNCTION BOX TO BE ADDED.

(10) DESIGNATIONS NEXT TO DEVICES DENOTE PANEL & CIRCUIT NUMBER.

EQUIPMENT SPECIFICATIONS

(1) STEEL TELE-POWER POLES
MANUFACTURER-WIREMOLD COMPANY
CAT. # 30TC-4V
DIM. (3"L X 2 3/4"W X 10'5"H)
IVORY FINISH

(2) MULTICHANNEL SURFACE NONMETALLIC RACEWAY
MANUFACTURER-WIREMOLD COMPANY
CAT. # 5500BD
DIM. (6 11/16"L X 1 11/16"W)
COVER-CAT. # 5500C
WIRE CLIP - 5500WC
(USE 5500 SERIES ACCESSORIES & FACEPLATES)
IVORY FINISH

(3) TWO PIECE SURFACE STEEL RACEWAY
2000 PLUGMOLD MULTIOUTLET SYSTEM
MANUFACTURER-WIREMOLD COMPANY
CAT. # 20GB306
LENGTH - 3'
6 SINGLE OUTLETS (15A 125V NEMA 5-15R)

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LEGEND:

- POWER POLE WITH POWER & COMMUNICATION COMPARTMENTS
- DUPLEX
- QUADRUPLEX
- COMMUNICATION/ DATA BOX
- FLOOR BOX
- STROBE
- FIRE HORN
- SWITCH
- DIMMER SWITCH
- SMOKE DETECTOR
- 6 STRIP PLUGMOLD
- DATA/VOICE COMMUNICATION BOX (4 DATA + 2 VOICE JACKS)
- POWER & COMMUNICATION RACEWAY

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NB	JDM	97-124

13TH FLOOR LAYOUT
POWER/COMMUNICATION
DISTRIBUTION
PROPOSED LAYOUT

7 WORLD TRADE CENTER
NEW YORK, NEW YORK 10048

SHEET 2 OF 2		CAD FILE: 97124-E2
DATE 8/26/97	SCALE NONE	DRAWING NUMBER E2

WTCI-4-SOM

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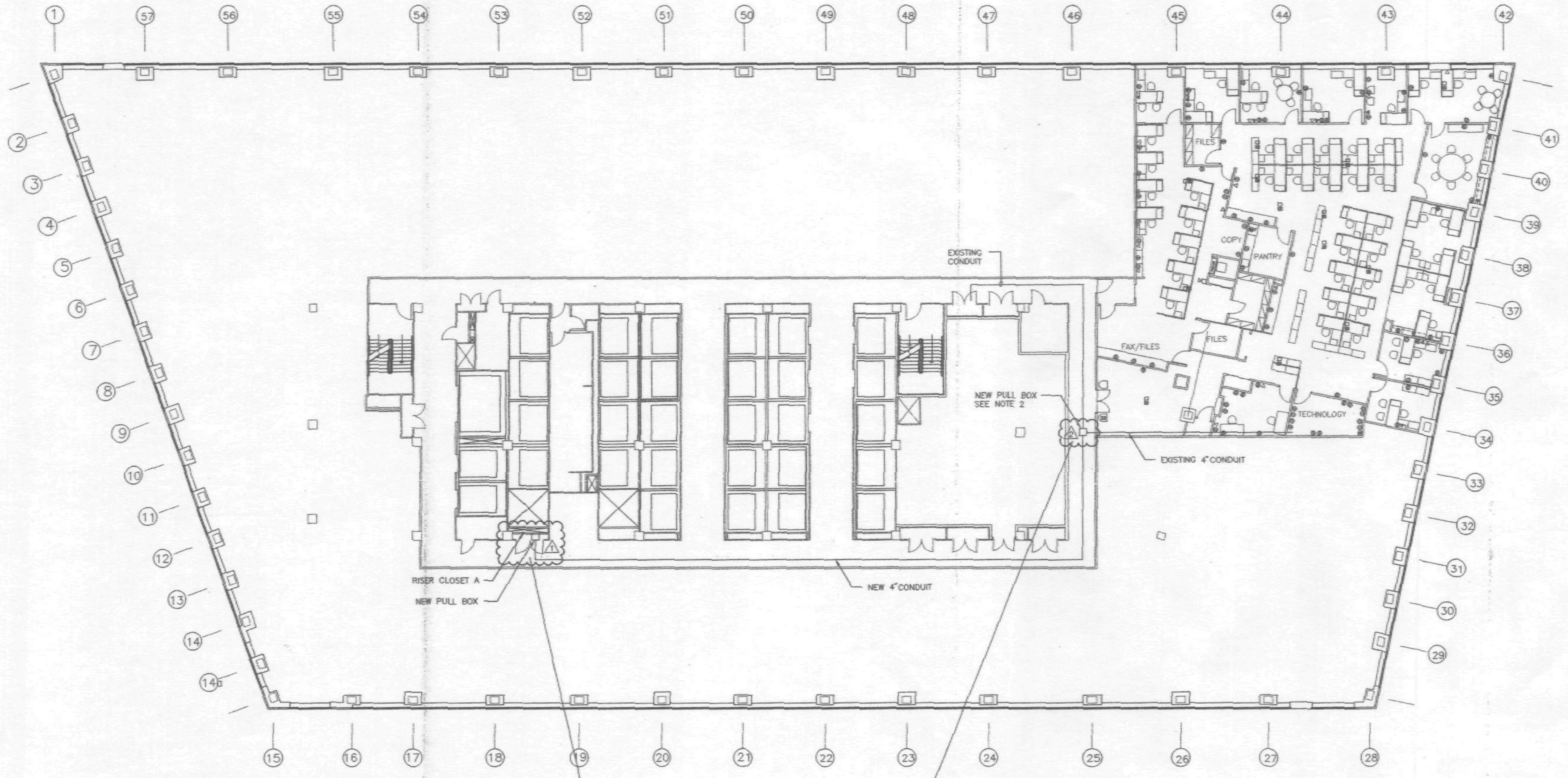
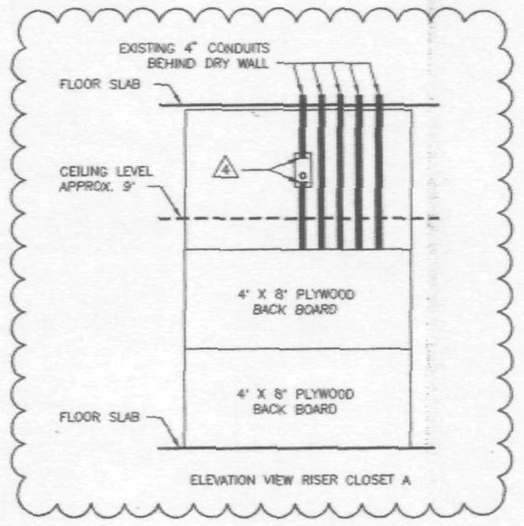
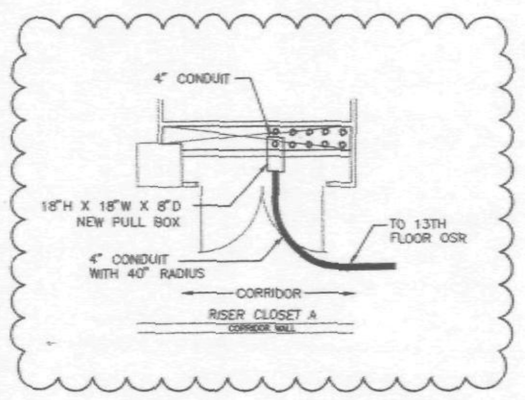
NEW YORK, NEW YORK



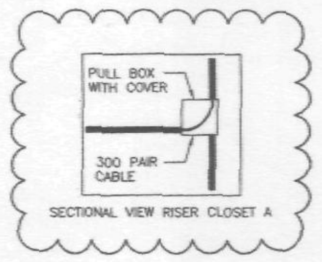


ELEVATION VIEW RISER CLOSET A

SINGLE LINE REPRESENTATION



SINGLE LINE REPRESENTATION



SECTIONAL VIEW RISER CLOSET A

NOTES:

1. REFER TO DETAILS FOR PULL BOX DETAIL.
2. PULL BOX DIMENSIONS 18"W X 18"H X 12"D
3. (3) ALL CONDUIT TO BE EMT.
4. CUT OUT FOR 4" CONDUIT AND PLACEMENT OF PULL BOX TO BE DETERMINED BY CONTRACTOR. PULL BOX SIZE WILL BE 18"H X 18"W X 8"D. DRY WALL TO BE CUT AROUND PULL BOX AS NECCESSARY.

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13TH FLOOR LAYOUT
COMMUNICATION CONDUIT
ROUTING PLAN VIEW

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SHEET 3 OF 4		CAD FILE:
DATE 9/1/97	SCALE NONE	DRAWING NUMBER E3

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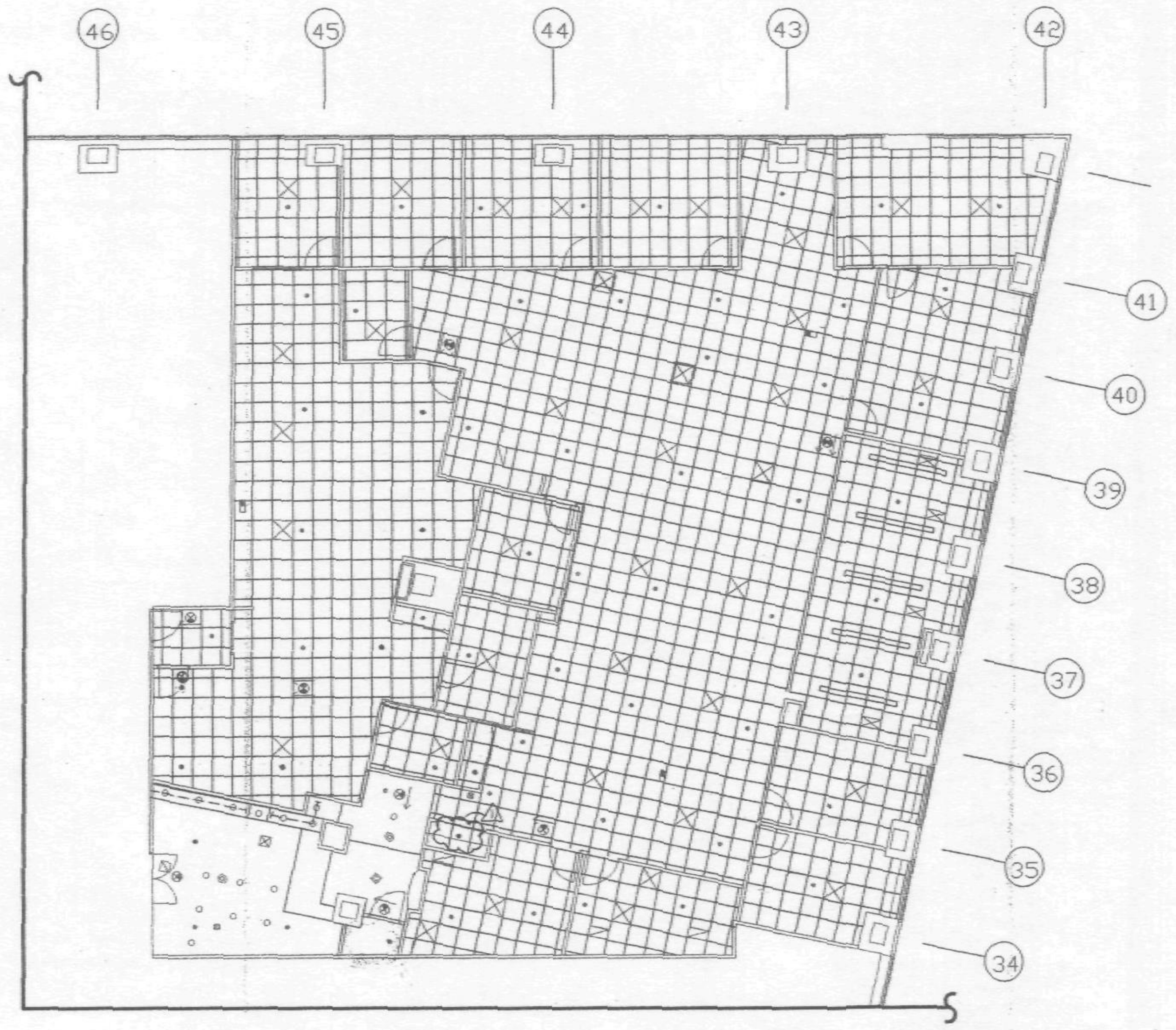

NOTES:

⚠1 INSTALL ONE NEW SPRINKLER HEAD. CONNECT TO NEAREST AVAILABLE MAIN LINE IN ACCORDANCE WITH SPECIFICATION.
CONTRACTOR TO VERIFY FIELD CONDITIONS, PROVIDE CALCULATIONS AND FIELD VERIFIED DRAWING, FOR ENGINEERS APPROVAL PRIOR TO BEGINING OF WORK.

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NB	WZP	97-124

13TH FLOOR LAYOUT
SPRINKLER CEILING PLAN

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NEW YORK, NEW YORK 10048

SHEET 4 OF 4		CAD FILE: 97124-E4
DATE 9/1/97	SCALE NONE	DRAWING NUMBER E4

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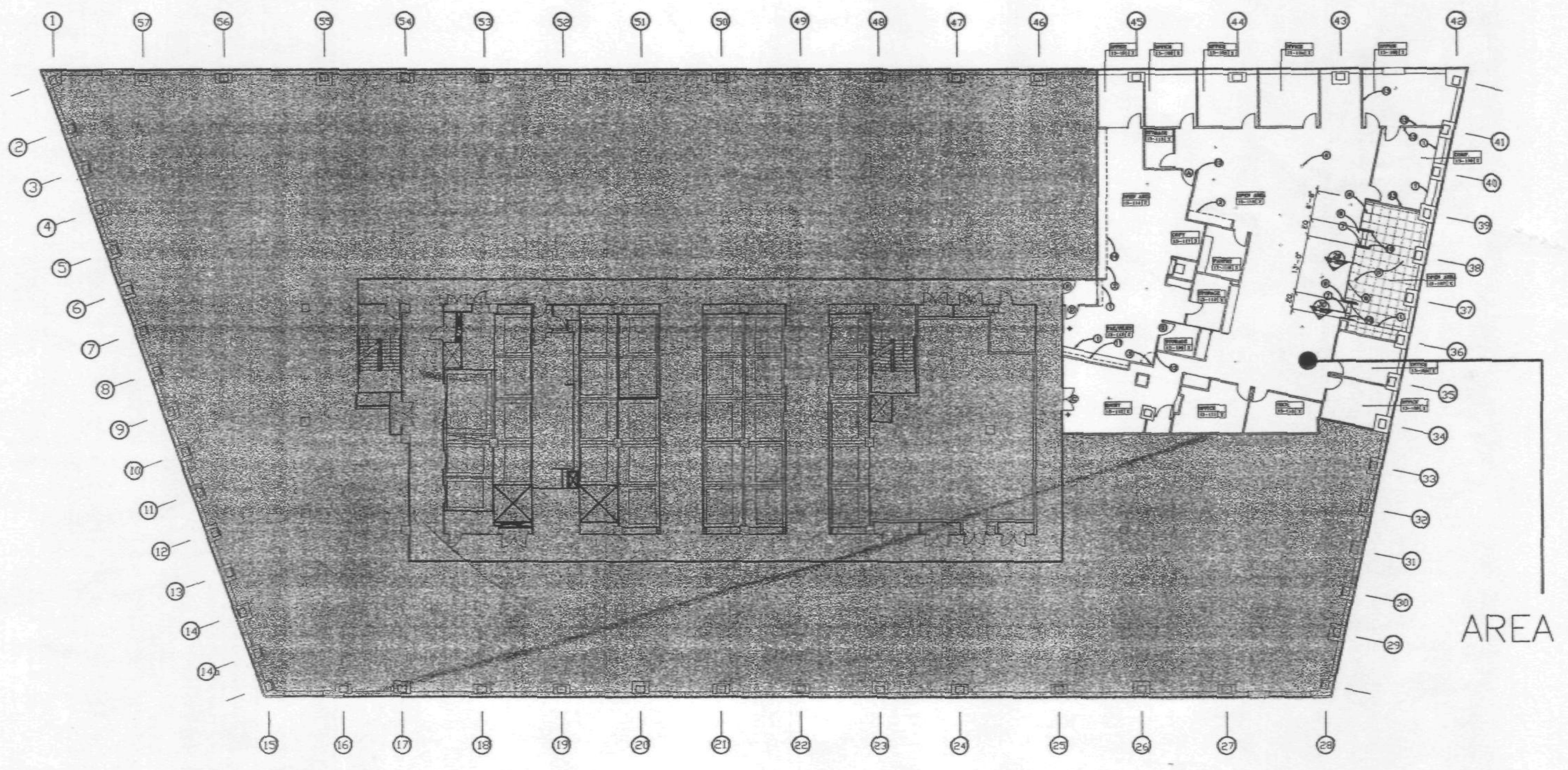
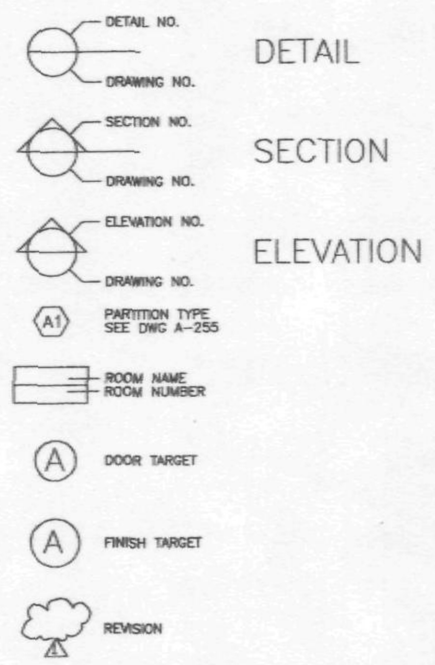
ALTERATIONS FOR 13TH FLOOR

ABBREVIATIONS

NOMENCLATURE	ABBREVIATION
A	
ABOVE FINISHED FLOOR	AFF
ACCESSIBLE TILE SYSTEM	ATS
ACOUSTIC PANEL CEILING TILE	ACT
ACOUSTICAL	ACOUST
ACOUSTICAL DOOR ASSEMBLY	AC DR ASSY (__STC)
ACOUSTICAL INSULATION	AC INSUL
ADDITIONAL	ADDL
ADHESIVE	ADH
ADJUSTABLE	ADJ
AGGREGATE	AGG
AIR CONDITIONING	AC
AIR HANDLING UNIT	AHU
ALUMINUM	AL
ANODIZED	ANOD
APPROXIMATE	APPROX
AREA DRAIN	AD
ASPHALT	ASPH
AUDIO VISUAL	A/V
AUTOMATIC	AUTO
AUXILIARY	AUX
AVERAGE	AVG
B	
BASEMENT	BSMT
BEAM	BM
BEARING PLATE	BRG PL
BETWEEN	BTW
BEVELED	BEV
BITUMINOUS	BITUM
BLOCKING	BLKG
BOARD	BD
BOTTOM OF	BOT
BOTTOM OF CURB	BC
BOTTOM OF FOOTING ELEVATION	BFE
BRICK	BRK
BRITISH THERMAL UNIT	BTU
BUILDING	BLDG
BUILT-UP ROOFING	BUR
C	
CABINET	CAB
CABINET HARDWARE	CBT HDW
CAPILLARY WATERPROOFING	CAP WP
CASEWORK	CSWK
CAST IRON	CI
CATCH BASIN	CB
CEILING	CLG
CEILING HEIGHT	CLG HT
CEMENT	CEM
CENTER	CTR
CENTERLINE	CL
CERAMIC TILE	CT
CHALKBOARD	CB
CLEANOUT	CO
CLEAR	CLR
CLOSED CIRCUIT TELEVISION	CCTV
CLOSET	CLO
COLD WATER	CW
COLUMN	COL
CONCRETE	CONC
CONCRETE MASONRY UNIT	CMU
CONFERENCE	CONF
CONSTRUCTION	CONST
CONSTRUCTION JOINT	CONST JT
CONTINUOUS	CONT
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE	COTR
CONTRACTOR	CONTR
CONTROL JOINT	CJ
CONVECTOR	CONV
CUBIC	CU
CUBIC FEET PER MINUTE	CFM
D	
DAMPER	DMPR
DAMPPROOFING	DPFG
DEAD LOAD	DL
DECIBEL	DB
DEGREE	DEG
DEPARTMENT	DEPT
DETAIL	DET
DIAGONAL	DIAG
DIAMETER	DIA
DIFFUSER	DIFF
DIMENSION	DIM
DISPENSER	DISP
DITTO	DO
DOOR	DR
DOOR FRAME	DRF
DOOR OPENING HEIGHT	DOH
DOOR OPENING WIDTH	DOW
DOUBLE	DBL
DOWN	DN
DRAIN LINE	D
DRAINAGE BOARD	DR BD
DRAWING	DWG
DUMBWAITER	DW
DUSTPROOF CONCRETE	DPF CONC
E	
EACH	EA
ELASTOMERIC	ELAST
ELASTOMERIC BEARING PAD	ELAST BRG PAD
ELASTOMERIC COATING	ELAST CT
ELASTOMERIC MEMBRANE WATERPROOFING	ELAST MEMB WP
ELECTRIC/ELECTRICAL	ELEC
ELECTRIC CLOSET	EC
ELECTRIC WATER COOLER	EWC
ELEVATION	+EL/ELEV
ELEVATOR	ELEV
EMERGENCY	EMER
ENCLOSURE	ENCL
ENTRANCE	ENTR
EQUAL	EQ
EXHAUST	EXH
EXHAUST GRATE	EG
EXISTING	EXIST OR EX
EXISTING TO BE RELOCATED	ETR
EXPANSION	EXP
EXPANSION JOINT	EXP JT
EXPOSED MECHANICAL SUSPENSION SYSTEM	EXP SUSP SYS
EXTERIOR	EXT
EXTRUDED/EXTRUSION	EXTR
F	
FABRICATE	FAB
FACE TO FACE	FTF
FAHRENHEIT	F
FEET PER MINUTE	FPM
FILTER MATERIAL	FILT MAT
FINISH	FIN
FINISH FLOOR	F FL
FINISH GRADE	FIN GR
FINNED TUBE RADIATOR	FTR
FIRE ALARM	FA
FIRE ALARM TERMINAL CABINET	FATC
FIRE DAMPER	FD
FIRE EXTINGUISHER	FE
FIRE EXTINGUISHER CABINET	FEC
FIRE HOSE CABINET	FHC
FIRE HOSE RACK	FHR
FIRE HOSE VALVE CABINET	FHVC
FIRE HYDRANT	FH
FIREPROOF	FPRF
FIRE RATED	FR
FIRE RATED ASSEMBLY (DOORS)	F.P.S.C. (__ HR.)
FIRE RETARDANT	FR
FIRE RETARDANT TREATED WOOD	FR TREATED WD
FIRE STANDPIPE	FSP
FIXTURE	FIX
FLASHING	FL
FLEXIBLE	FLEX
FLOAT GLASS	FLT GL
FLOOR	FL/FLR
FLOOR DRAIN	FD
FLOOR GRATE	FG
FLOOR SINK	FS
FLUID APPLIED WATERPROOFING	FL APP WP
FLUORESCENT	FLUOR
FLUSH MOUNTED	FL MTD
FLUSH PANEL	FL PNL
FOOD SERVICE EQUIPMENT	FSE
FOOT/FEET	FT
FOOTING	FTG
FOUNDATION	FDN
FRESH AIR INTAKE	FAI
FURRING	FURR
G	
GALLON	GAL
GALLONS PER HOUR	GPM
GALLONS PER MINUTE	GPM
GALVANIZED	GALV
GALVANIZED IRON	GI
GALVANIZED STEEL	GS
GAS	G
GAUGE OR GAGE	GA
GLASS	GL
GLAZING BEAD	GL BD
GLAZING GASKET	GL GSKT
GRADE	GR
GRADE BEAM	GR BM
GRANITE	GRAN
GREASE TRAP	GT
GRILLE	GRL
GROUND	GND
GROUND TRANSPORTATION CENTER	GTC
GUTTER	GUT
GYPSUM	GYP
GYPSUM PLASTER	GYP PLAS
GYPSUM WALLBOARD	GWB
H	
HANDRAIL	HNDRL
HANDRAIL BRACKET	HNDRL BRKT
HARDBOARD	HDBD
HARDWARE	HDW
HARDWOOD	HDWD
HEAD	HD
HEADER	HDR
HEAT STRENGTHENED GLASS	HTS GL
HEATER	HTR
HEATING, VENTILATING AND AIR CONDITIONING	HVAC
HEIGHT	HT
HIGH POINT	HPT
HIGHWAY	HWY
HOLD OPEN	HO
HOLLOW METAL	HM
HOLLOW METAL DOOR	HMD
HOLLOW METAL FRAME	HM FR
HORIZONTAL	HORIZ
HORSEPOWER	HP
HOSE BIB	HB
HOSE CABINET	HC
HOT & COLD WATER	H&CW
HOUR	HR
HOUSEKEEPING PAD (CONC)	HKP
HYDRANT	HYD
I	
INCH/INCHES	IN
INCLUDE/INCLUSIVE	INCL
INFORMATION	INFO
INSIDE DIAMETER	ID
INSIDE PIPE SIZE	IPS
INSULATED PANEL	INSUL PNL
INSULATED ROOF MEMBRANE ASSEMBLY	INSUL ROOF MEMB ASSY
INSULATION	INSUL
INTERCOMMUNICATION	INTERCOM
INTERIOR	INTR
INVERT ELEVATION	INV EL
IRON PIPE	IP
ISOLATION	ISLN
ISOLATION MEMBRANE	ISOL MEMB
J	
JANITOR	JTR
JANITOR'S CLOSET	JC
JOINT	JT
JOIST	J
JOIST HANGER	JH
JUNCTION BOX	JB
K	
KICKPLATE	KPL
KIP	K
KNOCKDOWN	KD
KNOCKOUT	KO
L	
LABORATORY	LAB
LAMINATED	LAM
LAMINATED GLASS	LAM GL
LAVATORY	LAV
LIGHT	LT
LIGHTING	LTG
LIGHTWEIGHT CONCRETE	LWC
LIGHTWEIGHT CONCRETE FILL	LWC FILL
LIVE LOAD	LL
LOAD BEARING	LDBRG
LONGITUDINAL	LONG
LONG LEG HORIZONTAL	LLH
LONG LEG VERTICAL	LLV
LOUVER	LVR
LOW POINT	LP
M	
MACHINE	MACH
MAINTAIN/MAINTENANCE	MAINT
MANHOLE	MH
MANUFACTURER	MFG
MASONRY	MSNRY
MASONRY OPENING	MO
MASTERKEY/MASTERKEYED	MKD
MATCH EXISTING	ME
MATERIAL	MATL
MAXIMUM	MAX
MECHANICAL	MECH
MEDIUM	MDM
MEMBRANE	MEMB
MEMBRANE VATERPROOFING	MWP
METAL	MTL
METAL CORNER BEAD	MCB
METAL DIVIDING STRIP	MDS
METAL FLASHING	MTL FL TYPE ( )
METAL FURRING CHANNEL	MTL FUR CHANNEL
METAL LATH	ML
METAL PAN ACOUSTIC TILE	MTL PAN ACT
METAL REINFORCEMENT	MTL REINF
METAL RUNNER	MTL RUNNER
METAL STUD	MS
METAL SUB-BASE	MTL SUB-BASE
METAL TOILET PARTITION	MTP
METAL TRIM	MTL TRIM
METALLIC	MTLC
METALLIC GROUT	MET GT
MEZZANINE	MEZZ
MILLWORK	MLWK
MINIMUM	MIN
MISCELLANEOUS	MISC
MISCELLANEOUS METAL	MISC MTL
MOLDING	MLDG
MONUMENT	MON
MORTAR	MTR
MOUNTED	MTD
MOUNTING	MTG
MOUNTING HEIGHT	MTGH
MULLION	MUL
N	
NOMINAL	NOM
NON-METALLIC GROUT	NONMET GT
NOT IN CONTRACT	NIC
NOT TO SCALE	NTS
NUMBER	NO
O	
OFFICE	OFCE
ON CENTER	OC
OPENING	OPNG/OPG
OPEN WEB STEEL JOIST	OWSJ
OPERATING	OPR
OPPOSITE	OPP
OPPOSITE HAND	O.H.
OUNCE	OZ
OUTLET	OUT
OUTSIDE AIR	OA
OUTSIDE DIAMETER	OD
OUTSIDE FACE	OF
P	
PAINTED	PTD
PAIR	PR
PANEL	PNL
PARTITION	PTN
PAVEMENT	PVMT
PERFORATED	PERF
PHASE	PH
PITCH	P
PLANT	PLT
PLASTER	PLAS
PLASTER CONTROL JOINT	PCT
PLASTIC LAMINATE	P LAM
PLATE	PL
PLATE GLASS	PL GL
PLENUM BARRIER	PB
PLUMBING	PLMB
POINT	PT
POLISHED	POL
POLYVINYL CHLORIDE	PVC
PORCELAIN	PORC
PORCELAIN ENAMEL	PE
PORTLAND CEMENT PLASTER	PC PLAS
POUNDS	LBS
POUNDS PER SQUARE FOOT	PSF
POUNDS PER SQUARE INCH	PSI
PREFABRICATED	PREFAB
PREFORMED FILLER STRIP	PMFS
PRESERVATIVE TREATED WOOD	PTWD
PROJECTED	PROJ
PUBLIC ADDRESS	PA
Q	
QUANTITY	QTY
QUARRY TILE	QT
R	
RADIATOR	RDTR
RADIUS	RAD
RECEPTACLE	RCPT
RECESSED	REC
REFERENCE	REF
REFLECTED	REFL'D
REFRIGERATOR	REFR
REGISTER	RGTR
REINFORCED CONCRETE	RC
REINFORCED CONCRETE MASONRY UNIT	REINF CMU
REINFORCED CONCRETE PIPE	RCP
REINFORCEMENT/REINFORCING	REINF
REINFORCEMENT BAR	REBAR
REQUIRED	REQD
RESILIENT BASE	RB
RESIN MATRIX	REM
RESINOUS COATING	RES CT
RETURN	RTN
RETURN AIR	RA
REVISED/REVISION	REV
REVOLUTIONS PER MINUTE	RPM
RIGHT OF WAY	R/W
RISER	R
ROOF DRAIN	RD
ROOFING	RFG
ROOF INSULATION	ROOF INSUL
ROOM	RM
ROUGH OPENING	RO
ROUGH SLAB	RS
ROUND	RND
RUBBER	RBR
S	
SANITARY	SAN
SANITARY NAPKIN DISPOSAL	SND
SANITARY NAPKIN RECEPTACLE	SNR
SANITARY SEWER MANHOLE	SSMH
SCHEDULE/SCHEDULED	SCHED
SCORED JOINT	SJ
SECONDARY	SEC
SECTION	SECT
SERVICE SINK	SS
SHEATHING	SHTHG
SHEET	SH
SHEET METAL SCREW	SMS
SHELVING/SHELF/SHELVES	SH
SIDEWALK	SW
SIMILAR	SIM
SINK	S
SLAB CONTROL JOINT	SCJ
SLIDE/SLIDING	SL
SOIL SEPARATOR	SOIL SEP
SOUND ATTENUATING FIRE BLANKETS	SAFB
SOUND TRANSMISSION CLASS	STC
SPECIFICATION	SPEC
SPREAD	SPR
SQUARE FOOT	SQ FT
STAGGERED	STAG
STAINLESS STEEL	SST
STANDARD	STD
STANDPIPE	SP
STEEL	STL
STEEL JOIST	STLJ
STORM DRAIN	STD
STORM DRAIN MANHOLE	SDMH
STRUCTURAL/STRUCTURE	STR
SUPPLY AIR	SA
SUSPENDED/SUSPENSION	SUSP
T	
TACKBOARD	TB
TELEPHONE	TEL
TELEVISION	TV
TEMPERATURE	TEMP
TEMPERED GLASS	TMP GL
TERRAZZO	TER
THERMOSTAT	THERMO
TOILET ACCESSORY	TA
TOILET PAPER HOLDER	TPH
TONGUE AND GROOVE	T&G
TOP AND BOTTOM	T&B
TOP OF	TO
TOP OF CONCRETE	TC
TOP OF CURB	TOC
TOP OF FOOTING ELEVATION	TFE
TOP OF STEEL	TOS
TOPOGRAPHY MAP	TOPO
TRANSFORMER	XFMR
TYPICAL	TYP
U	
UNDERCUT	UC
UNFINISHED	UNFIN
UNLESS NOTED OTHERWISE	UNO
URINAL	UR
UTILITY	UTIL
V	
VACUUM	VAC
VENEER	VEN
VENT	V
VERIFY IN FIELD	VIF
VERTICAL	VERT
VESTIBULE	VEST
VINYL COMPOSITION TILE	VCT
VINYL REDUCER STRIP	VRS
VINYL TILE	VT
VINYL WALL COVERING	VWC
VOLUME	VOL
W	
WALL HYDRANT	WH
WATER CLOSET	WC
WATER FOUNTAIN	WF
WATERPROOFING	WPFG OR WP
WATER RESISTANT	WR
WEATHERSTRIP	WSP
WEIGHT	WT
WELDED WIRE FABRIC	WWF
WIDE FLANGE	W
WIRE GLASS	WGL
WITH	W/
WITHOUT	W/O
WOOD	WD
WOOD BLOCKING	WD BLKG
WOOD DOOR	WD DR
Y	
YARD	YD
YARD CLEANOUT	YCO



TARGET SYMBOLS



CONTROLLED INSPECTIONS

THE FOLLOWING ITEM OF WORK IS SUBJECT TO CONTROLLED INSPECTION PER THE BUILDING CODE OF THE CITY OF NEW YORK :

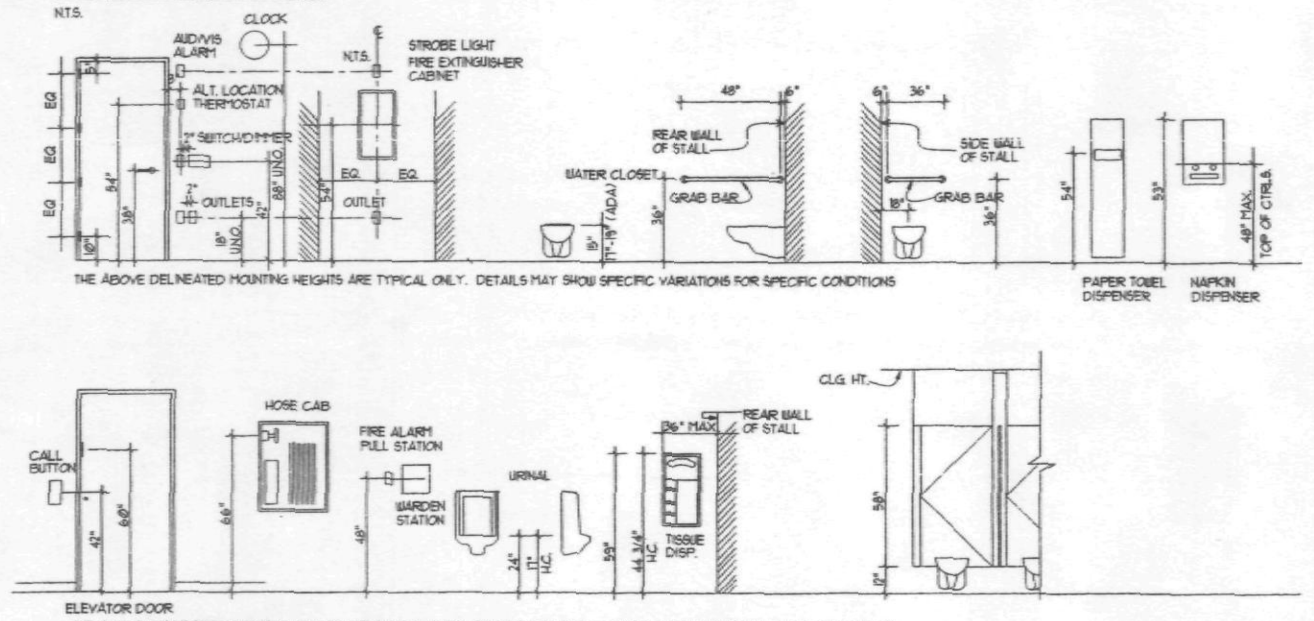
1. MECHANICAL/VENTILATION (27-779)
2. SPRINKLER (27-967)
3. PLUMBING
4. FIRE ALARM
5. FINAL INSPECTION (DIRECTIVE 14)

GENERAL NOTES:

1. TO THE EXTENT POSSIBLE, THE PROPOSED DESIGN COMPLIES WITH THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT, PL-101-336."
2. WOOD AND/OR WOOD PRODUCTS SHALL BE FIRE RETARDANT, AS PER NYC BUILDING CODE SECTION 27-328; AND FIRE RETARDANT WOOD SHALL BEAR THE IDENTIFICATION OF A CERTIFIED TESTING LABORATORY CERTIFYING ITS PERFORMANCE IN ACCORDANCE WITH *NYC BUILDING CODE 27-131.*

DIAGRAM OF TYP. MOUNTING HEIGHTS

N.T.S.



THE ABOVE DELINEATED MOUNTING HEIGHTS ARE TYPICAL ONLY. DETAILS MAY SHOW SPECIFIC VARIATIONS FOR SPECIFIC CONDITIONS

THE ABOVE DELINEATED MOUNTING HEIGHTS ARE TYPICAL ONLY. DETAILS MAY SHOW SPECIFIC VARIATIONS FOR SPECIFIC CONDITIONS

DRAWING LIST

ARCHITECTURAL DRAWINGS:

T-13	13TH FLOOR TITLE PLAN
TA-13	FLOOR PLAN
PC-13	POWER AND COMMUNICATION PLAN
TA-313	REFLECTED CEILING PLAN
A-503	MISC. DETAILS

ENGINEERING DRAWINGS:

E-1	EXISTING CONDITIONS AND DEMOLITION
E-2	POWER COMMUNICATION DISTRIBUTION
E-3	COMMUNICATION CONDUIT ROUTING ROOM
E-4	SPRINKLER CEILING PLAN

1. NO SIGN/DETAIL ON PARTITION

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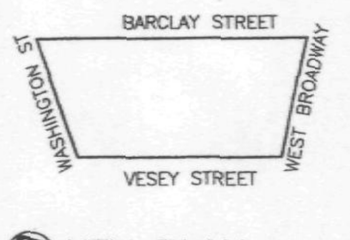

KEY PLAN

LEGEND

No.	Date:	REVISION:
	2 SEPT 97	ISSUED FOR TENANT ALT.

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SKIDMORE, OWINGS & MERRILL
ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

FLACK AND KURTZ
Mechanical / Electrical Engineers
475 Fifth Avenue, New York, N.Y. 10018

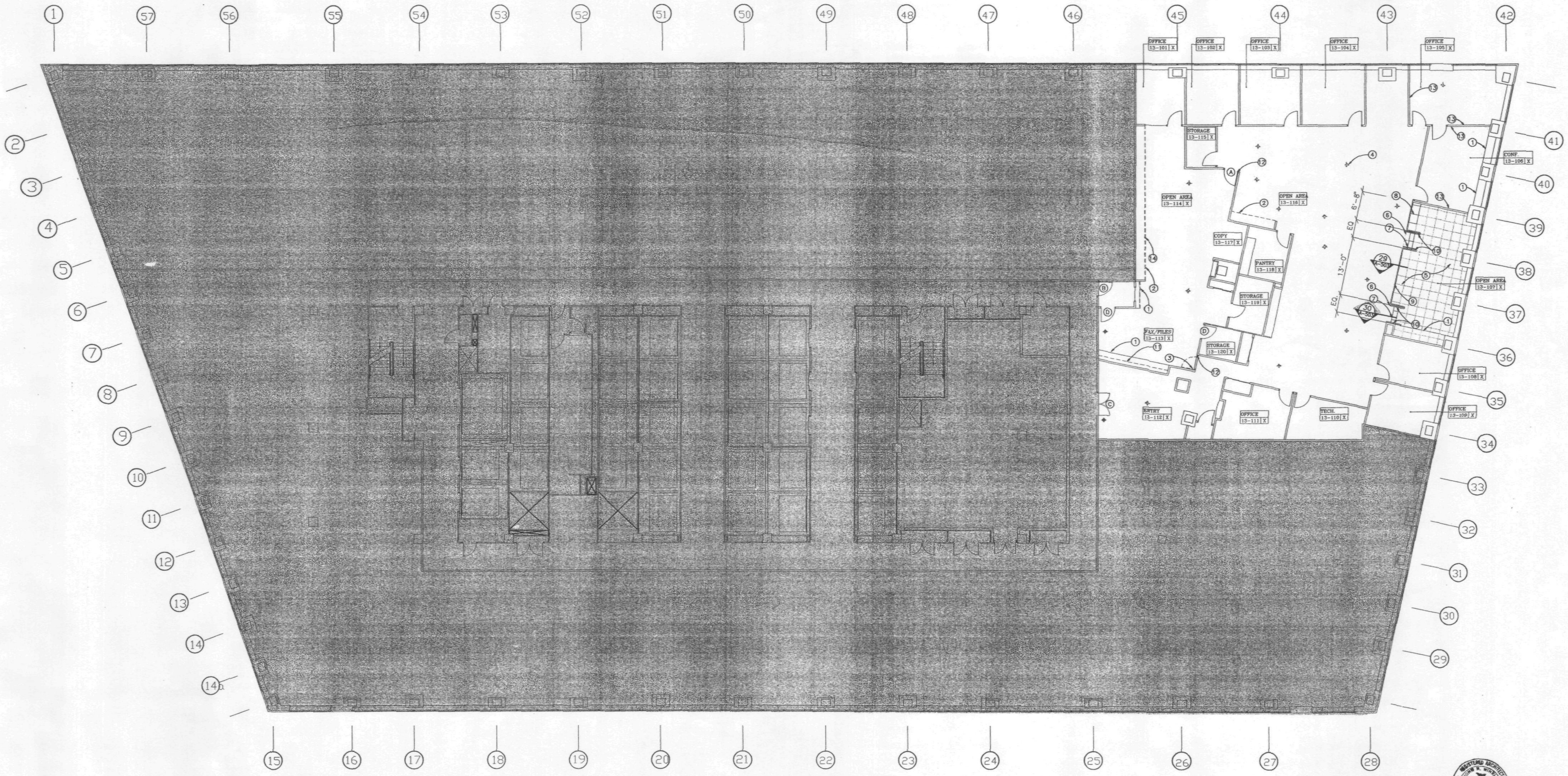
13TH FLOOR
TITLE PLAN

-RENOVATIONS-

Skidmore, Owings & Merrill LLP, 1996

Project No.: 6234-628
Date: 2 SEPT 97
Scale: NO SCALE
Sheet No. T-13

WTCI-4-SOM



1. 13TH FLOOR PLAN
SCALE: 1/8"=1'-0"

DOOR INFORMATION:

(A) EXISTING HM DOOR AND FRAME TO REMAIN; REMOVE EXISTING HARDWARE; REPLACE WITH:
LOCK = LGA
CLOSER = CAA
STOP = SAA

(B) EXISTING HM DOOR AND FRAME TO REMAIN; REPLACE DOOR STRIKE = ABD

(C) NEW DOUBLE HM DOORS IN EXISTING FRAME TO REMAIN; REPLACE EXISITING DOOR STRIKE AT INACTIVE LEAF: DOORS TO HAVE 1-1/2 HOUR FIRE RATING.
HINGES = HAB & HAF
STRIKE = ABD
LOCK = RELOCATED EXISTING
CLOSERT = CAA
FLUSH BOLTS = LFB
STOP = SAA

(D) EXISTING DOOR TO REMAIN; REPLACE LOCKSET :
LOCK = LAA

HARDWARE NOTES:

1. SEE SPECIFICATION SECTION 08711 FOR MORE INFORMATION REGARDING HARDWARE DESIGNATIONS.
2. ALL DOOR ASSEMBLIES NOT OTHERWISE MARKED ARE TO BE ASSUMED TO BE EXISTING TO REMAIN.
3. PROVIDE LOCKSETS WITHOUT CYLINDERS. COORDINATE CYLINDER INSTALLATION WITH SBI.

NOTES:

(1) EXISTING COUNTER TO REMAIN.
(2) EXISTING COUNTER TO BE REMOVED.
(3) REMOVE EXISTING DOOR & FRAME; CLOSE OPENING WITH CONSTRUCTION TO MATCH EXISTING FLUSH WITH ADJACENT PARTITION.
(4) EXISTING FLOOR POKE THROUGH TO BE REMOVED; FILL HOLE TO PROVIDE REQ'D. FIRE RATING: REPAIR/PATCH EXISTING FINISH TO MATCH.
(5) EXISTING RAISED FLOOR TO REMAIN
(6) EXISTING RAISED FLOOR TO BE REMOVED.
(7) NEW STEP TO RAISED FLOOR
(8) NEW RAISED FLOOR TO MATCH EXISTING
(9) REPLACE EXISTING RAILING WITH NEW RAILING.
(10) NEW HANDRAIL
(11) EXISTING ADJUST. SHELVES ABOVE COUNTER TO REMAIN.
(12) REMOVE EXISTING WALL MOUNTED KEYPAD; PATCH WALL AS REQUIRED.
(13) REMOVE EXISTING VWC: PREPARE AND PAINT WALLS TO MATCH EXISTING ADJACENT WALLS.
(14) PATCH WALLS AS REQ'D. AND REPAINT TO MATCH ADJACENT FINISHES WHERE COUNTERS HAVE BEEN REMOVED.

GENERAL NOTES:

1. ALL PARTITIONS ARE EXISTING TO REMAIN.
2. ALL DOORS AND FRAMES ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.

FINISH NOTES:

1. ALL NEW FINISHES ARE TO MATCH EXISTING FINISHES IN SIMILAR CONTIGUOUS SPACES.
2. CONTRACTOR TO VERIFY IN FIELD AND NOTIFY "OWNER" OF ANY VARIATION PRIOR TO APPLICATION.
3. REFER TO SPECIFICATIONS; DIVISION 9 FOR DEFINITION OF FINISHES.
4. PROVIDE FIRESTOPPING @ ALL PENETRATIONS THROUGH RATED WALL AND FLOOR CONSTRUCTION.

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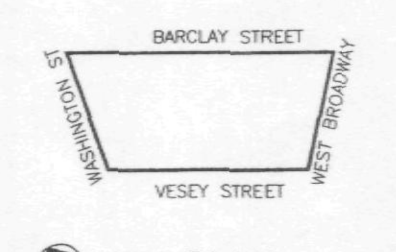

KEY PLAN

LEGEND

- AREA OF EXISTING CONSTRUCTION TO REMAIN
- EXISTING RAISED FLOOR
- NEW RAISED FLOOR
- DOOR INDENTIFICATION TAG (SEE NOTES ON PLAN). NEW PARTITION AND DOOR ASSEMBLY
- GWB PARTITION IDENTIFICATION TAG (SEE NOTES ON PLAN).
- DEMOUNTABLE WALL PARTITION AND DOOR ASSEMBLY.
- EXISTING CONSTRUCTION TO BE DEMOLISHED.
- EXISTING PARTITION AND DOOR TO REMAIN. (MODIFICATIONS MAY BE REQUIRED, SEE PLAN.)
- EXISTING RAISED TO BE REMOVED
- EXISTING POKE THROUGH TO BE REMOVED
- EXISTING POKE THROUGH TO REMAIN

No.	Date:	REVISION:
	9-2-97	ISSUED FOR TENANT ALT.

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ARCHITECTS / ENGINEERS
220 East 42nd St., New York, N.Y. 10017

POWER CON
Electrical Engineers
111 Broadway, New York, N.Y. 10006

13TH FLOOR PLAN

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Project No.: 3462-628
Date:
Scale: 1/8"=1'-0"
Sheet No. TA-13

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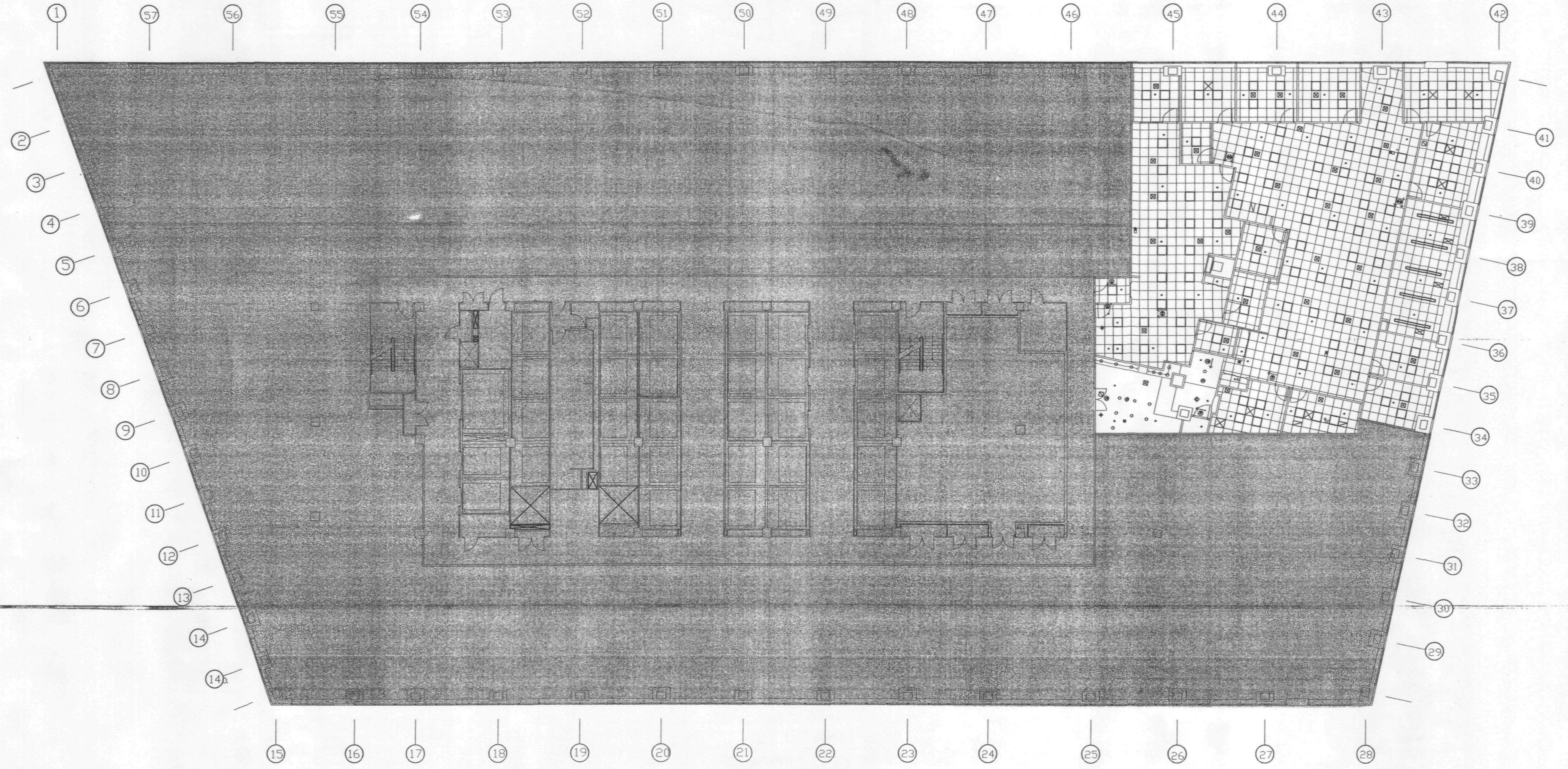

1. 13TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTE
ALL CEILINGS, DIFFUSERS, LIGHTING, SPRINKLERS, ETC., ARE EXISTING TO REMAIN, UNLESS NOTED OTHERWISE.

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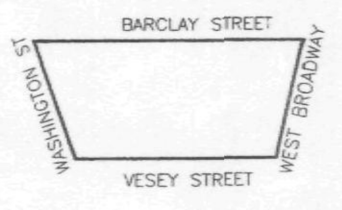

KEY PLAN

LEGEND

- ACOUSTIC TILE CEILING GRID (ACT-1)
- 8" X 5'-0" RECESSED LIGHTING (E) (EXISTING)
- DOWNLIGHT TO REMAIN
- DOWNLIGHT TO BE REMOVED
- (R) DOWNLIGHT TO BE RELOCATED
- (N) DOWNLIGHT TO MATCH EXISTING
- EXIT LIGHT. CEILING MNTD.
- EMERGENCY LIGHT
- SPEAKER STROBE
- LINEAR DIFFUSER
- SUPPLY AIR DIFFUSER
- GWB CEILING CONSTRUCTION
- SP CEILING GRID STARTING POINT
- WALL MOUNTED UTILITY FIXTURE
- WALL MOUNTED UTILITY FIXTURE
- SD SMOKE DETECTOR
- POWER POLE (FROM CEILING TO FLOOR)
- ACOUSTIC TILE CEILING GRID (ACT - 9)
- SPRINKLER (EXISTING)
- N SPRINKLER (NEW)
- RETURN AIR GRILLE
- C RECESSED CANOPY FOR CEILING FIXTURE
- PENDANT UPLIGHT (EXIST)

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13TH FLOOR
REFL. CEILING PLAN

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Project No.: 6234-628
Date:
Scale: 1/8"=1'-0"
Sheet No. TA-313

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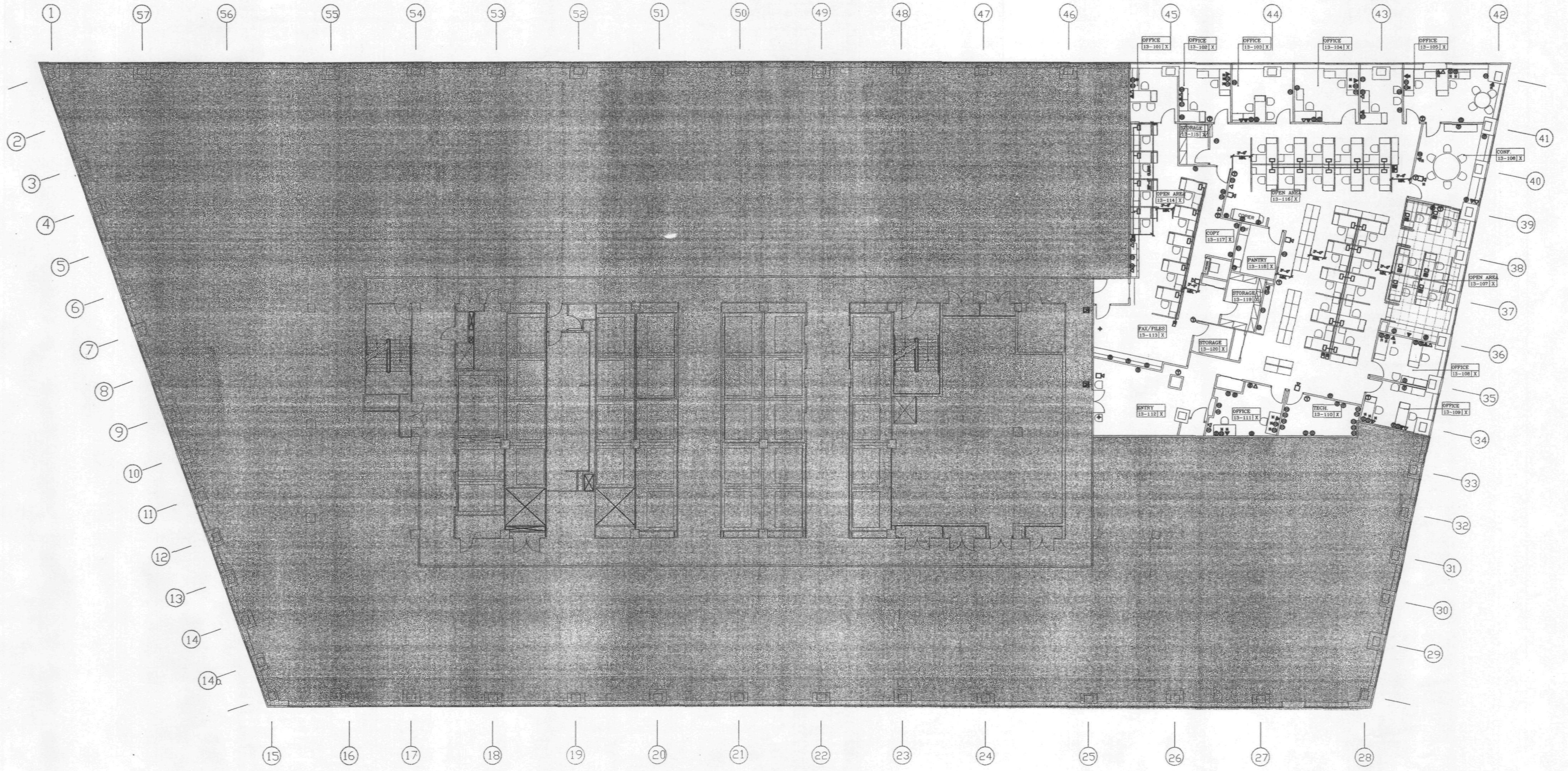

1. 13TH FLOOR POWER & COMMUNICATIONS PLAN

SCALE: 1/8"=1'-0"

GENERAL NOTES:

1. ALL WALL OUTLETS FEEDING WORKSTATIONS ARE TO BE RAISED 34" A.F.F.
2. ALL NEW OUTLETS FEEDING WORKSTATIONS ARE TO BE LOCATED 34" A.F.F.

~~PRELIMINARY~~

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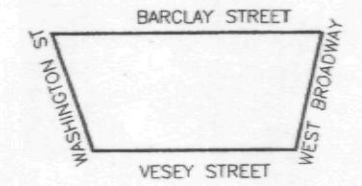

KEY PLAN

LEGEND

- SINGLE RECEPTICLE
- WALL (ELECTRONIC SINGLE DUPLEX)
- WALL (ELECTRONIC DOUBLE DUPLEX)
- WALL (DATA)
- WALL (VOICE)
- WALL (VOICE/DATA)
- PLUGMOLD
- SECURITY RELEASE BUTTON (N.I.C.)
- CLOCK
- FLUSH MTD. FLOOR BOX POWER & COMMUNICATIONS
- NEW FLUSH MTD. FLOOR BOX – POWER @ RAISED FLOOR
- NEW FLUSH MTD. FLOOR BOX – COMM. @ RAISED FLOOR
- EXIST. SPEAKER /STROBE
- NEW SPEAKER/STROBE TO MATCH EXIST
- SURFACE MTD. POWER/COMM RACEWAY W/6 POWER RECEPTACLES + DATA + COMMUNICATION OUTLET GROUP PER DESK
- NEW POWER POLLS. VERIFY LOCATIONS IN FIELD
- EXISTING POKE– THROUGH TO BE REMOVED
- EXISTING POKE– THROUGH TO BE REMAIN
- NEW WALL MTD DUPLEX RECEPTICLE
- NEW WALL (DATA)
- NEW WALL (VOICE)
- NEW WALL (VOICE/DATA)

No.	Date:	REVISION:
	9-2-97	ISSUED FOR TENANT ALT.

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Electrical Engineers
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13TH FLOOR POWER AND COMMUNICATIONS PLAN

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Sheet No. PC-13

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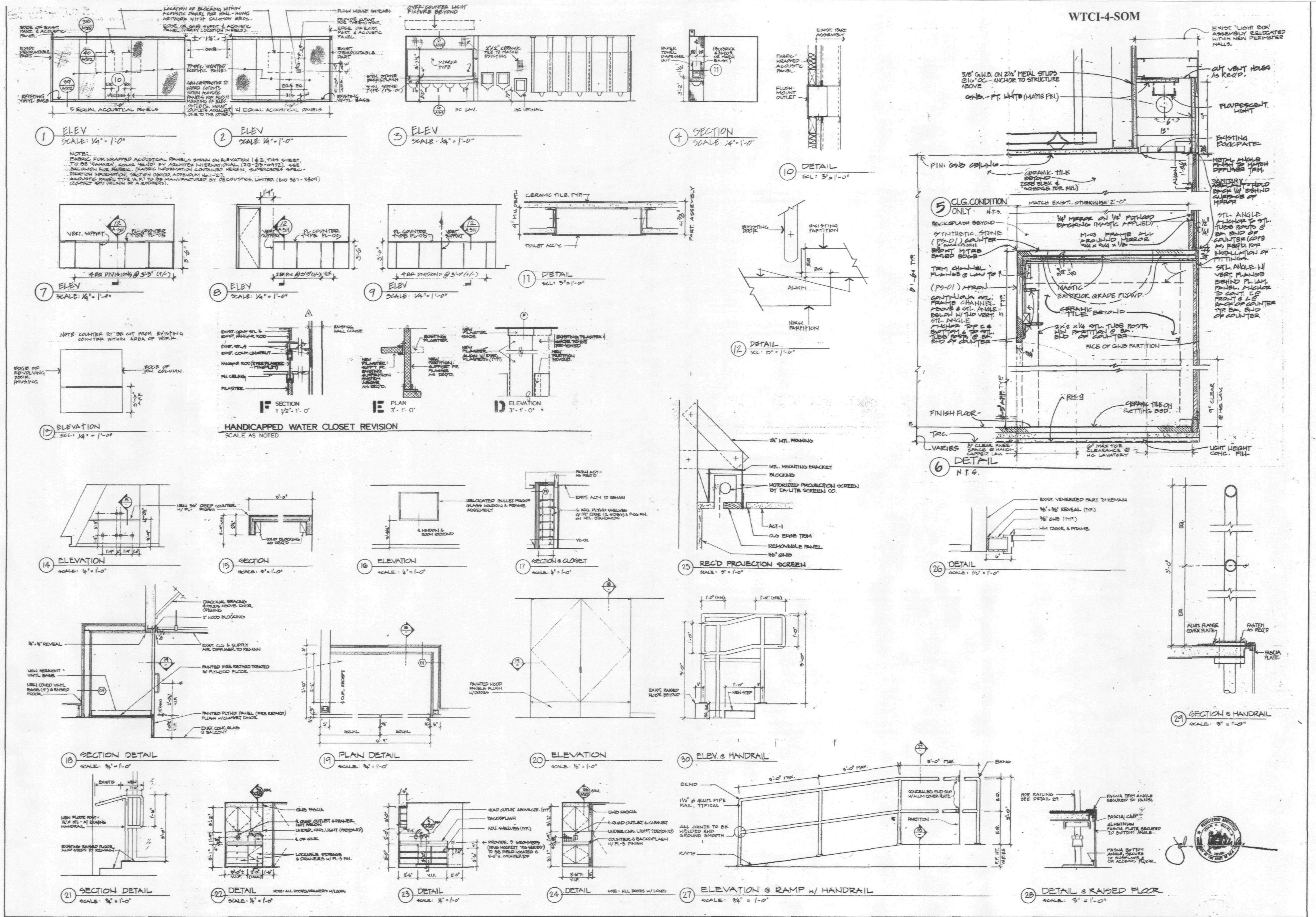

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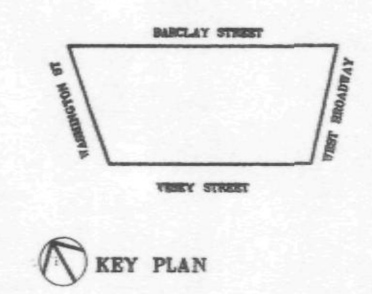

NOTES

LEGEND

No.	Date	Revision
	2 SEPT 97	ISSUED FOR TENANT ALT
	16 JUNE 97	ISSUED FOR TENANT ALT.
	22 OCT 96	ISSUED FOR TENANT ALT.
	12 APRIL 96	ISSUED FOR TENANT ALT
	7-AUG-95	ISSUE FOR TENANT ALTERATION
2	27 JAN 95	ISSUED FOR TENANT ALTERATIONS
	11/16/94	ISSUED FOR TENANT ALT
	10/20/94	ISSUED FOR TENANT ALT.
	10/07/94	ISSUED FOR TENANT ALT
1	10/05/94	ISSUED FOR TENANT ALT.

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Structural Engineers
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MISCELLANEOUS DETAILS

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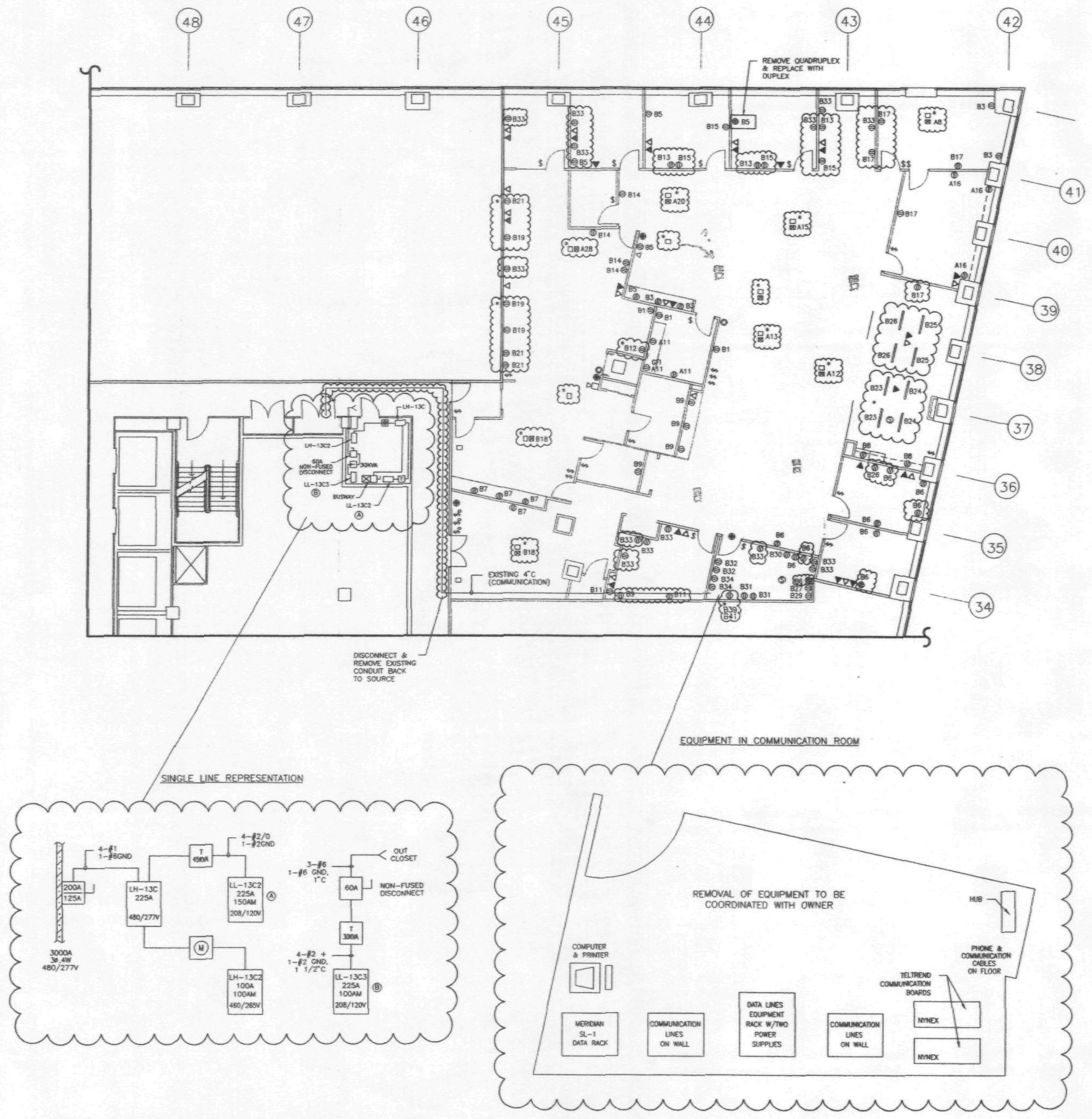

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DEMOLITION NOTES:

(1) DISCONNECT & REMOVE ALL RECEPTACLES IN BUBBLED-IN AREAS, CONCEAL RECEPTACLES OPENINGS WITH BLANK FACEPLATES, AND SAFE-OFF CIRCUITS BACK TO PULL/JUNCTION BOX.

(2) DISCONNECT & REMOVE RECEPTACLES AND FLOOR BOXES IN BUBBLED-IN AREAS WITH ASTERISK *. FILL AND PATCH AREAS AFTER FLOOR BOXES HAVE BEEN REMOVED. SAFE-OFF CIRCUITS BACK TO PANEL BOX IN ELECTRIC CLOSET C.

SALOMON BROTHERS INC.
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NEW YORK, NEW YORK

LEGEND:

- ▲ PHONE/COMMUNICATION LINES
- △ DATA LINES
- DUPLEX
- QUADRUPLEX
- □ COMMUNICATION/DATA BOX
- ⊠ FLOOR BOX
- STROBE
- FIRE HORN
- $ SWITCH
- S_D DIMMER SWITCH
- 6 STRIP PLUGMOLD
- Ⓢ SMOKE DETECTOR

REV. #	DATE	DRAWN BY	REVISION DESCRIPTION

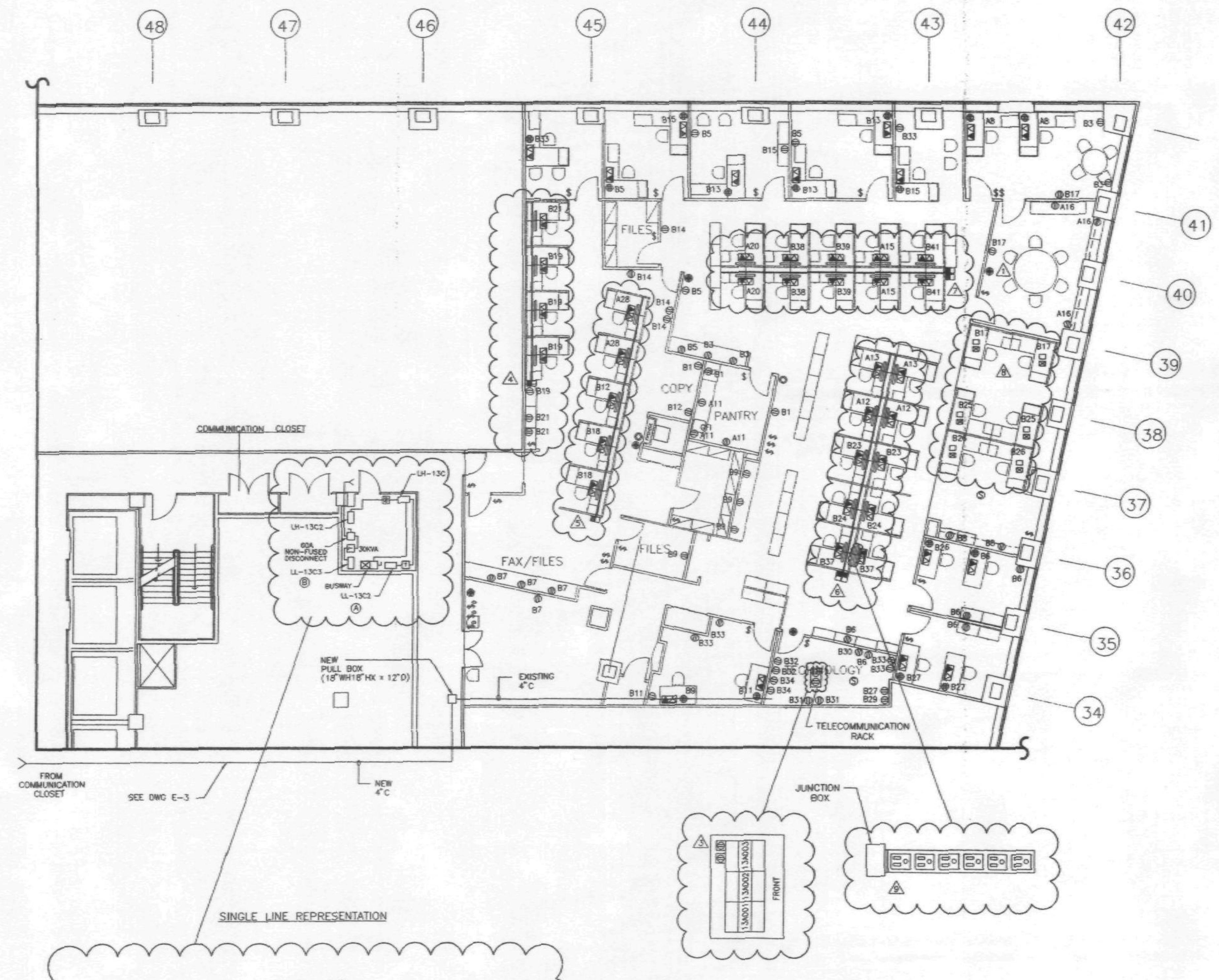
PowerCon
POWER CONCEPTS, L.L.C.
111 Broadway
New York, New York 10006
Tel 212-791-3011 Fax 212-791-3014

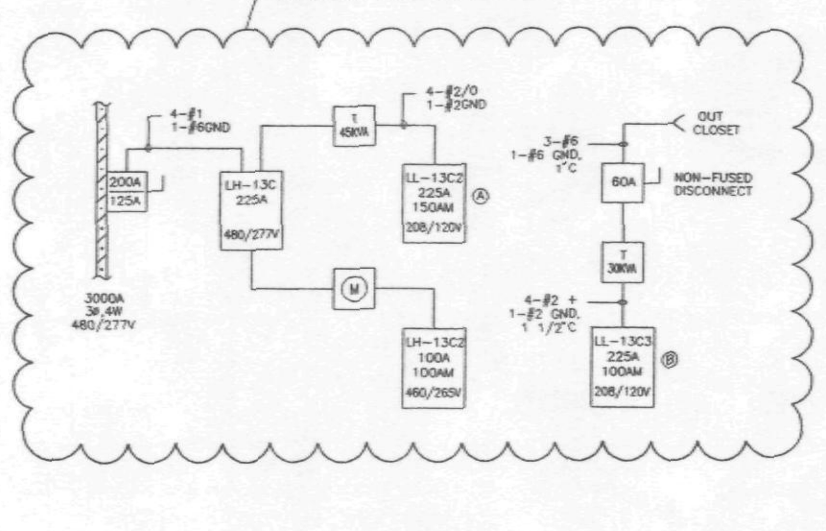
DRAWN BY	APPROVED	PROJECT NUMBER
NB	JDM	97-124

13TH FLOOR LAYOUT
EXISTING CONDITIONS
& DEMOLITION PLAN

7 WORLD TRADE CENTER
NEW YORK, NEW YORK 10048

SHEET 1 OF 2		CAD FILE: 97124-E1
DATE 8/11/97	SCALE NONE	DRAWING NUMBER E1





INTENT:

TO RECONFIGURE EXISTING CIRCUITS IN ORDER TO ACCOMODATE NEW POWER/ COMMUNICATION DISTRIBUTION LAYOUT.
EACH DESK REQUIRES A 6-STRIP PLUGMOLD AND A COMMUNICATION BOX CONSISTING OF 4 DATA AND 2 VOICE JACKS UNLESS NOTED OTHERWISE.

NOTES:

(1) INSTALL NEW STROBE TO MATCH EXISTING AND TIE INTO EXISTING FIRE ALARM SYSTEM.

(2) IN PERIMETER OFFICES, QUADRUPLEXES WILL BE INSTALLED FLUSH WALL MOUNTED 42" FROM FLOOR FINISH ABOVE FURNITURE.
USING EXISTING CIRCUITS AS INDICATED.

(3) PROVIDE (2) NEW DEDICATED 20 AMP TWIST-LOCK RECEPTACLES ON THE REAR OF RACK 13A003. CIRCUIT DESIGNATIONS TO BE DETERMINED.
MOUNT RECEPTACLES FACE UP IN SURFACE MOUNTED BACKBOX.
BACKBOXES TO BE SECURED TO BACK OF RACKS.

(4) HOMERUN TO POWERPOLE FROM PANEL BOX WILL BE 1" ELECTRICAL METALLIC TUBING (EMT) CONTAINING 6-#10AWG COPPER WIRE W/THWN INSULATION.
BRANCH OUT CIRCUITS USING 3 SETS OF 3-#12AWG COPPER WIRE WITH THWN INSULATION IN 3/4" EMT VIA A JUNCTION BOX PRIOR CONNECTION TO POWER POLE TO ENERGIZE 3 DUPLEXES NEAR FILE CABINETS.
COMMUNICATION COMPARTMENT OF POWER POLE WILL CONTAIN 24 UTP 4-PAIR AWG, CAT. 5 CABLE.
- CONNECTION FROM POWER POLE TO RACEWAY WILL BE VIA FLEXIBLE METALLIC CONDUIT (FMC).
  SIZE MULTIPLE FMC AND KNOCKOUTS TO ACCOMODATE APPROPRIATE NUMBER OF POWER AND COMMUNICATION CABLES AS REQUIRED FOR INSTALLATION.
  IN RACEWAY USE #12 AWG COPPER WIRE WITH THWN INSULATION TO FEED PLUGSTRIPS.
  USE WIREMOLD (5500 SERIES) DEVICE BRACKETS FACEPLATE ACCESSORIES 5507, 5507B, 5507D, 5507RJ, 5506B, 551C, 5510D, OR APPROVED EQUALS AS NEEDED.
  COMMUNICATION EQUIPMENT AND INSTALLATION TO BE DETERMINED BY OWNERS DATA PERSONNEL.

(5) HOMERUN TO POWER POLE FROM PANEL BOX WILL BE 1" EMT CONTAINING 9-#10 AWG COPPER WIRE WITH THWN INSULATION.
BRANCH OUT CIRCUIT #B12 USING 3-#12 AWG COPPER WIRE WITH THWN INSTALLATION IN 3/4" EMT VIA A JUNCTION BOX PRIOR TO CONNECTION TO POWER POLE TO ENERGIZE DUPLEX IN COPIER SECTION ADJACENT TO FIRE HOSE.
COMMUNICATION COMPARTMENT OF POWER POLE WILL CONTAIN 30 UTP 4-PAIR 24 AWG, CAT. 5 CABLE.
SAME AS [•] IN (4)

(6), (7) HOMERUN TO POWER POLE FROM PANEL BOX WILL BE 1" EMT CONTAINING 15 - #10 AWG COPPER WIRE WITH THWN INSULATION.
ONE POWERPOLE WILL CONTAIN 15 # 10AWG WIRES IN POWER COMPARTMENT AND 30 UPT 4-PAIR 24 AWG, CAT. 5 CABLES IN COMMUNICATION COMPARTMENT.
THE OTHER POWER POLE WILL CONTAIN 30 UTP 4-PAIR 24 AWG, CAT. 5 COMMUNICATION CABLE ONLY (NO POWER).
SAME AS [•] IN (4).
IN 1/2" FMC RUN 3 - #12 AWG COPPER WIRE WITH THWN INSULATION TAPPED OFF FROM EXISTING CIRCUIT IN RACEWAY TO WIREMOLD 2000 6-STRIP PLUGMOLD CAT. #V20GB306 (OR APPROVED EQUAL) IN ADJACENT CUBICLE.
MOUNT PLUGMOLD TO BASE METAL KICKBOARD.
COMMUNICATION EQUIPMENT AND INSTALLETION TO BE DETERMINED BY OWNERS DATA PERSONNEL.
IN (4), (5), (6), (7) 1" EMT HOMERUN WILL CONNECT TO POWER COMPARTMENT VIA POWER POLES' JUNCTION BOX IN CEILING. JUNCTION BOX FOR COMMUNCATIONS SECTION IS OPTIONAL AND INCLUSION WILL BE LEFT AT DATA PERSONNELS DISCRETION.

(8) INSTALL RECTANGULAR HUBBELL FLUSH MOUNTED FLOOR BOXES TYPE (OR APPROVED EQUAL) AND ATTATCH EXISTING CIRCUITS AS INDICATED VIA 3/4" FMC.

(9) DIAGRAMATIC REPRESENTATION OF 6-STRIP PLUGMOLD (15A NEMA 5-15R) WITH JUNCTION BOX TO BE ADDED.

(10) DESIGNATIONS NEXT TO DEVICES DENOTE PANEL & CIRCUIT NUMBER.

EQUIPMENT SPECIFICATIONS

(1) STEEL TELE-POWER POLES
MANUFACTURER-WIREMOLD COMPANY
CAT. # 30TC-4V
DIM. (3"L X 2 3/4"W X 10'5"H)
IVORY FINISH

(2) MULTICHANNEL SURFACE NONMETALLIC RACEWAY
MANUFACTURER-WIREMOLD COMPANY
CAT. # 5500BD
DIM. (6 11/16"L X 1 11/16"W)
COVER-CAT. # 5500C
WIRE CLIP - 5500WC
(USE 5500 SERIES ACCESSORIES & FACEPLATES)
IVORY FINISH

(3) TWO PIECE SURFACE STEEL RACEWAY
2000 PLUGMOLD MULTIOUTLET SYSTEM
MANUFACTURER-WIREMOLD COMPANY
CAT. # 20GB306
LENGTH - 3'
6 SINGLE OUTLETS (15A 125V NEMA 5-15R)

SALOMON BROTHERS INC.
7 WORLD TRADE CENTER
NEW YORK, NEW YORK

LEGEND:

Symbol	Description
■□	POWER POLE WITH POWER & COMMUNICATION COMPARTMENTS
⦶	DUPLEX
⊕	QUADRUPLEX
□	COMMUNICATION/ DATA BOX
⊠	FLOOR BOX
◈	STROBE
◇	FIRE HORN
$	SWITCH
$D	DIMMER SWITCH
Ⓢ	SMOKE DETECTOR
▭	6 STRIP PLUGMOLD
▲△	DATA/VOICE COMMUNICATION BOX (4 DATA + 2 VOICE JACKS)
—	POWER & COMMUNICATION RACEWAY

REV. #	DATE	DRAWN BY	REVISION DESCRIPTION

PowerCon
POWER CONCEPTS, L.L.C.
111 Broadway
New York, New York 10006
Tel 212-791-3011 Fax 212-791-3014

DRAWN BY	APPROVED	PROJECT NUMBER
NB	JDM	97-124

13TH FLOOR LAYOUT
POWER/COMMUNICATION DISTRIBUTION
PROPOSED LAYOUT

7 WORLD TRADE CENTER
NEW YORK, NEW YORK 10048

SHEET		CAD FILE
2 OF 2		97124-E2
DATE	SCALE	DRAWING NUMBER
8/26/97	NONE	E2

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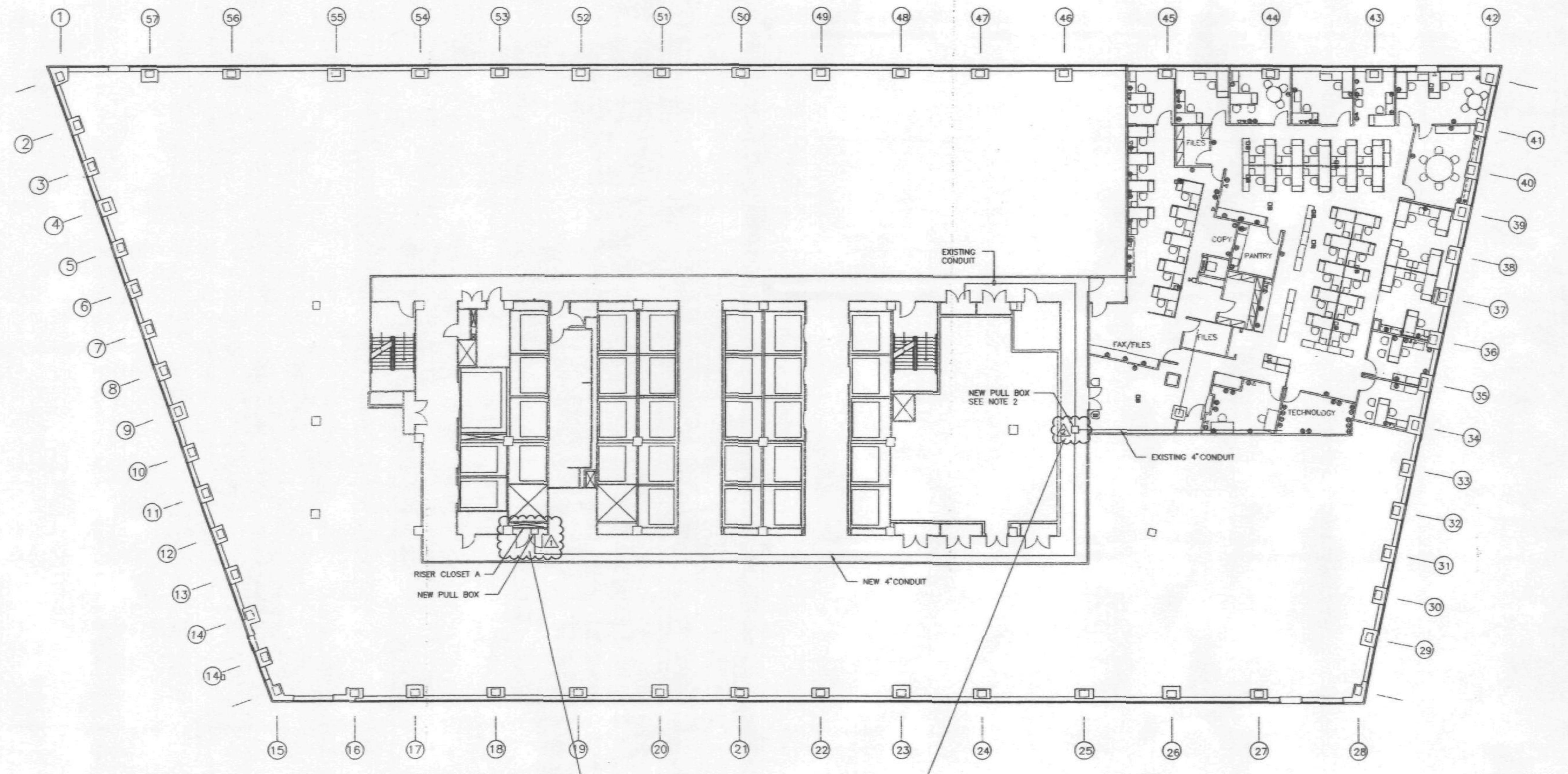
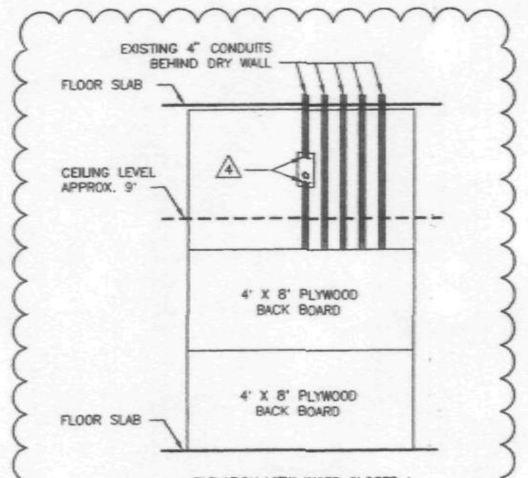
7 WORLD TRADE CENTER
NEW YORK, NEW YORK

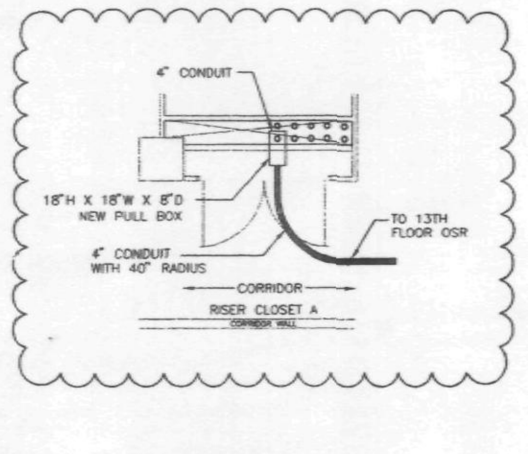
LEGEND:



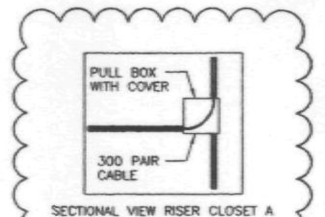


ELEVATION VIEW RISER CLOSET A

SINGLE LINE REPRESENTATION



SINGLE LINE REPRESENTATION



SECTIONAL VIEW RISER CLOSET A

NOTES:

1. REFER TO DETAILS FOR PULL BOX DETAIL.
2. PULL BOX DIMENSIONS 18"W X 18"H X 12"D
(3) ALL CONDUIT TO BE EMT.
4. CUT OUT FOR 4" CONDUIT AND PLACEMENT OF PULL BOX TO BE DETERMINED BY CONTRACTOR. PULL BOX SIZE WILL BE 18"H X 18"W X 8"D. DRY WALL TO BE CUT AROUND PULL BOX AS NECCESSARY.

REV. #	DATE	DRAWN BY	REVISION DESCRIPTION

POWER CONCEPTS, L.L.C.
111 Broadway
New York, New York 10006
Tel 212-791-3011 Fax 212-791-3014

DRAWN BY	APPROVED	PROJECT NUMBER
NB	WZP	97-124

13TH FLOOR LAYOUT
COMMUNICATION CONDUIT
ROUTING PLAN VIEW

7 WORLD TRADE CENTER
NEW YORK, NEW YORK 10048

SHEET 3 OF 4		CAD FILE:
DATE 9/1/97	SCALE NONE	DRAWING NUMBER E3

PowerCon

NOTES:

⚠1 INSTALL ONE NEW SPRINKLER HEAD. CONNECT TO NEAREST AVAILABLE MAIN LINE IN ACCORDANCE WITH SPECIFICATION.
CONTRACTOR TO VERIFY FIELD CONDITIONS, PROVIDE CALCULATIONS AND FIELD VERIFIED DRAWING, FOR ENGINEERS APPROVAL PRIOR TO BEGINING OF WORK.

PowerCon

SALOMON BROTHERS INC.
7 WORLD TRADE CENTER
NEW YORK, NEW YORK

LEGEND:

REV. #	DATE	DRAWN BY	REVISION DESCRIPTION

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13TH FLOOR LAYOUT
SPRINKLER CEILING PLAN

7 WORLD TRADE CENTER
NEW YORK, NEW YORK 10048

SHEET 4 OF 4		CAD FILE: 97124-E4
DATE 9/1/97	SCALE NONE	DRAWING NUMBER E4